THE NEW

FLORIDA SKIP

VOL. 32, NO. 2 THE ALL-FLORIDA AMATEUR RADIO PUBLICATION OCTOBER 1988 75 Cents

2 METER EXPEDITION TO COSTA RICA

by Bev Cavender, W4ZD & T12BEV

At the last minute I decided to take a 2 meter SSB/CW rig and antenna with me on a trip to San Jose, Costa Rica. I have been licensed in this Central America republic since 1973 as T12BEV, but never before seriously considered trying to work the USA on 2 meter SSB orCW.

On Sunday, August 14, 1988, XLY Florcita and I arrived at the Miami Springs QTH of W41YT where we always leave our car when we depart Miami. Andy drove us and our ten boxes and suitcases to the airport. My wife had a microwave oven, FM/stereo set, rice cooker, and I don't know what all else. I had with me an IC-271H 100 watt 2 meter all-mode transceiver, a TS-430 with a 2-meter receive converter, and one of the yagis off the W4ZD sixteen yagi EME array.

I needed to buy a 12 volt power supply, but the next day, Monday, was Mother's Day in Costa Rica and all of the stores were closed. so I spent that day setting up the station sans the power supply and erecting the antenna. The antenna was installed just outside the shack door on a second floor patio. It had no rotor but was positioned on a swivel for "armstrong" movement of both azimuth and elevation up to about 40 degrees.

I figured the only station I could work was W5UN. Dave has the world's largest 2 meter EME array consisting of 48 five-wavelength yagis and he had mailed me a computer print out of all the times when the moon was 20 degrees prior to setting in San Jose, Costa Rica. I also had with me moon azimuth and elevation printouts for the balance of August centered on my T12 QTH.

I was ready to go but didn't have a power supply heavy enough to handle the rig on transmit and I knew W5UN would be calling me in a few minutes! Hurriedly, I hooked up a small 12 volt DC supply of about 4 amps that successfully powered the TS-430 on receive only. When I connected the receive converter and dialed up 144.008, there was W5UN calling me! His signals were so good that I took the earphones off, putting him on the speaker, while I walked outside and physically positioned the antenna to maximum reception. (Rainy season clouds had precluded visual observation of the moon.)

QSY back page top.

COMING EVENTS

Palm Beach Hamfest, Oct. 15 & 16th
Broward Hamfest, Nov. 4 & 6th
Tampa S. FL Conv. Nov. 19 & 20th
Fort Myers Hamfest, Jan. 21, 1989
Citrus Co. Hamfest, Jan. 28th 1989
Miami Hamboree, Feb. 4th & 5th
Sarasota Hamfest, Feb. 18th & 19th
Brooksville Hamfest, Feb. 25th
Martin Co. Hamfest, Sat. Feb. 25th
Ft. Walton Bch Swapfest Mar. 18 & 19
Nothing from Orland. Please send in your Fest dates early. Tks Editor

HURRICANE GILBERT was one of the worst recorded in the Atlantic with max winds over 175 M.P.H. NOAA Hurricane Hunter N42RF with Jan Zysko, N4MEI on this P-3 aircraft flew into the eye of Gilbert at 2:05 AM, Wednesday Sept. 14th and several times later that morning. N4MEI/ Gilbert was able to friefly check into the Hurricane Wat Net with NJ3E, NCS. The H. W. N. gang provided excellent weather reports to the Miami National Hurricane Center station W4EHW, reported W4VBQ, NHC ARPSC Coordinator. (Official NOAA Photo.)

HURRICANE GILBERT

Here at deadline time Hurricane Gilbert is dashing across the Gulf of Mexico packing record high winds and the lowest pressure ever recorded! We will not repeat all the stories you have already seen on TV or heard over the radio.

As most of you know, the Dade County Amateur Radio Public Service Corps has an amateur station installed at the National Hurricane Center in Coral Gables. The call sign is W4EHW (Emergency Hurricane Watch). The station coordinator is Layton Rues W4VBQ. The purpose of the station is to supply weather reports from outlying islands and areas that have no communications and give these reports to the National Hurricane Center forecasters to assist them to determine conditions there.

Layton gave SKIP the following report. W4EHW opened September 11th and operated thru the 16th until midnight on the Hurricane Watch Net frequency of 14,325. The Miami FCC E.IC C, Mr. John Theimer, upon request from Dade ARRL Emergency Coordinator W4IYT obtained an official FCC clearance for 14,325 plus of minus 5kHz which seemed to help clear the frequency somewhat according to Don Kay K0IND net manager in Pensacola.

A total of 14 Miami amateurs manned W4EHW for approx. 130 hours. The traffic incoming total was over 500 messages, plus dozens of outgoing bulletins, etc. TV and radio publicity was excellent.

Dr. Sheets, Chief NHC and Dr. Bob Case gave their sincere thanks and blessings to all amateurs everywhere for their support!

The donated ICOM 745 by ICOM worked perfectly through the Hurricane, reported W4VBQ. The ARPSC purchased IC-28H also worked perfect on 2 meter packet which supplied packet traffic locally. The 2 meter high gain TUNE-TENNA Systems antenna donated by Frank Ireland K4UUO did a beautiful job and cut down on bad inter-mod from within the building.

QSY back page

FLORIDA SKIP (USPS 000485) ISSN 08915482 is published monthly for $8.00 per year by FLORIDA SKIP, Inc., P.O. Box 501, Miami Springs, FL 33266.
Second Class Postage is paid at Miami, Florida.
POSTMASTER: Send address changes to FLORIDA SKIP, Inc., P.O. Box 501, Miami Springs, FL 33266. STAFF:
Andy Clark, W4IYT, Editor/Publisher
Bob Denton, WB4FGL, Ploof Reeder
Jan Zysko, N4MEI, Data Services
Bob Watson, W4DTV, No. Fla. Rep.
Anne Clark Ramey, Copy Layout
State Editors:
SSB: Joe Scungio, N4KFU, 346 Whitefield Ave., Sarasota 34243
CW: Ed Roller, K4IA, P.O. Box 984, Punta Gorda, FL 33951
Packet: Al Vesce, K4CY, 13020 Montour St., Brooksville 33773
QCWA: Eli Nannis, K4JMH, 14996 Imperial Pt. Dr., No., Largo 33644
DX: Open
Clubs: Open
Any item in FLORIDA SKIP may be reprinted in any other publication in the world, with a credit line, please.
The publishers of this paper do not assume the responsibility of statements made by their advertisers in business competition. All signed articles published in this paper represent solely the individual opinions of the writer and not those of FLORIDA SKIP.
DEADLINE: 8th of month in P.O. Box 501, Miami Springs, FL 33266.
(See advertising rates in Hambar Section)

SILENT KEYS

We are deeply sorry to report the passing of the following Florida amateurs. May the RIP. If you hear of any SKs in your areaa Kindly advise SKIP editor. Thanks.

WA1SPM	Don DeNeuf (Pres. SOWP)		South Bury, CT.
K4FRG	Roy Stibbs		Largo, FL
W4KQG	Ed M. Hamper		Miami
W4JL	James Dixon	Ex-Jax	Boone, IA
W4DDM	Peter O. Knight		Tampa
W4NVD	Robert Horton		Inverness
KB4HE	Wayne (Mac) McDaniel		Ft. Myers
N4PL	Holly Hill		
N4PL	Clyde Lee		Holly Hill
WD4HBP	Earl Edwards		Sanford
KP4AZN	Richard Gonzalez		Coral Gables
W4EOD	Ivan Paterson		Lake Park

NOTE FROM EDITOR

This month we welcome a new SSB State Editor to our staff. Note all Florida SSB/FM traffic nets, kindly send your month net reports to Joe Scungio, N4KFU, 346 Whitefield Ave., Sarasota FL 34243 Phone home 813-355-0656 (Ans. Svc) 813-355-4480.

Our sincere thanks to Joe for taking over from Al WB4AID. After the Melbounre Hamfest traffic breakfest, Joe stepped forward and said..."I'll give it a shot...."

We still have open the State Editors slot for DX and Clubs. Any takers? 73/88 AC W4IYT

MAILING NOTICE PLEASE

Our normal mailing date is the 25th of each month! Do not call Yea Editor! We dont know! Ask your mail - man - who just got another pay increase! 73 Editor.

NEW 440 MHZ REPEATER MAP

After much delay and hard work, Florida Skip now has a 440 MHz MAP listing all Repeaters in Florida! The map editor, Harlin Cohn, W4UIM in Miami did a very nice job on this map. It is much like our 2 Meter Map except it is printed on light green paper. You will be amazed at the number of 440 Repeaters Florida now has! I was! The price is the same as our 2 Meter Map, 25 cents each with your self-addressed stamped envelope. (Don't forget the stamp!) To: 440 Map, Box 501, Miami Springs, FL 33266. (Note: The 2 and 440 Maps will go in one envelope for 22 cents postage.)

TO THE EDITOR

Dear Andy:

Herewith color photograph and "brag" sheet for possible publication. This is a great idea for you to do this so "we" can get published at least once and leave something for the grandkids that tells what Grandpa used to do. Good show! (See photograph elsewhere.)

You will probably have to cut it down a bit, so just start at the bottom and shave until enough off — hi. Certs I have on wall are Appreciation from Chairman FCC, 2nd Radiotelegraph, General Radio-telephone, Extra Class, ARRL 35 wpm cert. SOWP Membership cert., QCWA 7641 signed by Barry Goldwater, Life ARRL plaque, SHARC 1st Pres. plaque and a ships clock from the QUEEN MARY.

Hpe someday to get my old W1 call back if FCC ever comes out with PRB-3 approval. The QSL card enclosed is home-brew with 3x5 Kelsey pres. From the looks of it, good thing I didn't go into the printing biznes, huh. Shouldn't try to print the 1" block ltrs along with the smaller type.

Vy 73
E.V. Stolberg
P.O. Box 5102
Spring Hill, FL 34606

Dear Andy:

The transceiver repairmen will love you for showing the lightning arrester system that was pictured in the Sept. Skip. Tohandle 1KW the gaps would have to set for about 800V. Where you go into the amplifier/receiver at 50ohms that would drop to about 225V. I say "about" as the gaps would have to be set to compensate for the dam(p) air that we have here inFlorida. The present day transceiver inputs are not going to hold up very well at 225V. A gap or a grounding switch; on the coax line won't help as the charge is also coming down the outer shield looking for ground. It is better to disconnect the cable and ground the inner and outer conductor. if there are rotor cables involved, disconnect and ground them too. I have had a number of transmitter front-ends rebuilt relying on spark gaps in commercial installations from hits and near misses. Even shielded buried telephone cables shorted!

73
Wayne W. Cooper, AG4R
9302 NW 2nd Place
Miami Shores, FL 33150-2266

(EDITOR'S NOTE: Thanks for above info. As mentioned, have used this system about 10 years on my 600 open wire feeders to the KW Johnson "Match Box." Run about 400 watts top SSB/CW. Guess I just have been lucky! 73,AC)

SIXTH EDITION 2 METER REPEATER MAP

We are happy to announce the 6th Edition of our famous 2 Meter Map is off the press. Map editor Bill Tucker, W4FXE did his usual excellent job with 100 percent updates. The map is 11 by 17 inches printed on 50 pound light yellow paper with black ink, making it easy to read. Each city has its own box containing repeater frequencies. Another list is along the left side making it wasy to see which city has what frequency. We are keeping the price down to 25 cents each plus your self-addressed stamped envelope (SASE) to MAP, Box 501, Miami Springs, FL 33266.

FLORIDA SKIP, INC.
P.O. Box 501
Miami Springs, Florida 33266 10

Enclosed is $8.00 FOR 1 year subscription to FLORIDA SKIP. My mailing address is:

☐ New ☐ Renewal

My CORRECT address is: Call _____

Name _____

Address _____

City _____

State _____ Zip _____

THE BROWARD AMATEUR RADIO CLUB

PRESENTS

THE BROWARD HAMFEST

FEATURING AMATEUR RADIO AND COMPUTERS
SATURDAY AND SUNDAY, NOVEMBER 5 & 6th
AT JR'S EXPO CENTER, POMPANO BEACH -- AIR CONDITIONED
Corner of Copans Rd. and Powerline

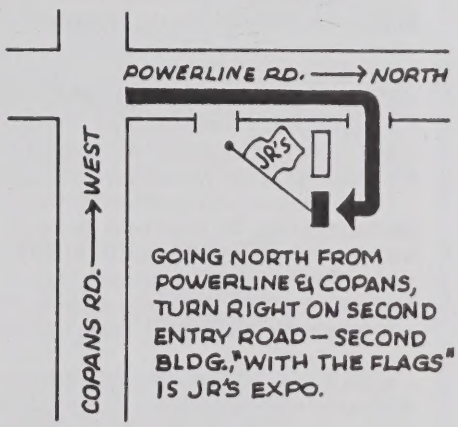
ICOM YAESU

*** Major Exhibitors ***
** Special Presale Prize Drawing **
* Major Prize Drawings Both Saturday and Sunday *

--- Free Parking, Talk in on 146.31/91, 146.52, 444.825, 223.160.

REGISTRATION
$4.00 for both days in advance.
$5.00 for both days at the door.
$3.00 for Sunday only.
SWAP TABLES (includes one free admission ticket)
$20.00 for both days.

Mail the coupon with your check or money order to:
The Broward Amateur Radio Club, Inc.
C/O Jim Lorah, WB4KOB
2407 Flamingo Lane
Ft. Lauderdale, FL 33312



Registration at $4.00 each, ---------- _____

Swap Tables at $20.00 each, ---------- _____

Total Enclosed ---------- _____

Please Include a SASE for Return of Tickets

Name _____ Call _____

Address _____

City _____ State _____ Zip _____

CUT-OFF DATE FOR ADVANCED TICKET OR TABLE SALES IS OCT 21.
All Registrations received after this date will be held at the Registration Desk.

For further information, CALL 305-584-7822 or 305-735-7908.

TOP TWENTY TRAFFICERS — AUGUST 1988
By WA4PFK and AA4HT

1. W3CUL	2662	11. K4EUK	234
2. W3VR	799	12. N4SS	220
3. WA9VND	625	13. K4SCL	211
4. WX4H	581	14. W7YWF	203
5. KB4LB	404	15. K4ZK	198
6. WA4PFK	351	16. KA4FZI	191
7. WA4QXT	338	17. WA4EIC	176
8. K4CY	337	18. N4GMU	170
9. AA4HT	246	19. K4IA	149
10. WD4IIO	240	20. WA4RUE	130

FLORIDA C.W. NETS
By Ed, K4IA

DOC, WA4HDH, has delivered the voluminous text of the HISTORY OF QFN to Earl Spencer, K4FQU — a very good writer in his own right — to put it in good form to print. After it passes this test, it will be taken to a print shop to determine cost. I shall be rather critical in this respect as I don't want anything crummy in the way of printing. It is necessary that I collect information from you all on your desire to have a copy, or copies, so please advise by postcard or traffic message to me, or via KA4FZI or WA4EIC of your intentions.

73, Doc, WA4HDH, Ft. Myers

GATOR NET NOTES FROM DON, N4ET: Cotton, KB9LT continues to send a big signal since moving to the new location in Inverness. when he moved there it caused me to reflect on how long the XYL and I have lived in Venice. 23 years now and out of the 40 or so different places we have lived in while I was in the Air Force we have been here the longest.

As I write this the Labor Day weekend is upon us and soon the busy traffic season will start again and the Christmas Holidays will be here before we realize it. WC4D and KB9LT have switched their NCS days, Tuesday and Thursday respectively. Anyone interested in trying a stint at NCS on GN is invited to do so. Send me a radiogram in Venice.

Conditions on GN should improve now that we are getting into the fall months. We have been doing OK on 80 except it has been necessary for Harris, WA4JDH to QNI on 40 meters. A big thank you to George, K4JI for keeping the net statistics for me while I was on vacation. Sure nice to have everything current when stepping back into the net. come join us on 3651 at 0830.

73, Don, N4ET, GN Manager

QFN MANAGER MISS PHIL WRITES: In spite of the summer doldrums, QFN continues to sail right along on a steady course thanks to a faithful and hard working crew. Our "floaters" — alternate NCS's and Reps — have been a real life saver during this vacation season. I include July information this month because of the cut off on the 17th last month. Notables: 27 stations with from 8 to 60 QNI: WC4D 60, WA4PFK/KA4FZI 58, KB9LT 53, W4KIX/K4ZK 49. Also: WX4H 16 4RN, K4ZK 13 RN5, and WA4PFK 10 NCS & 15 Net Rep. For August, 31 stations with at least 8 QNI. With 10+ AB4BC, N4BU KC4FL, K2GQU, W8IM, N4IWO, W4IYT, N4KFU, WA4QXT, WA9VND. QNI 20+ AA4BN, WT4F, WA4GYR, AA4HT, W4NFK, K4SCL, KA4SIH, W3TLV, WV5Z. 30+ N4SS (in a class all by himself). 40+ WA4EIC, WX4H, K4IA, W4KIX, K4ZK. 50+ WA4PFK 60, WC4D 56, KA4FZI 56, KB9LT 52. OTHER: WX4H 23 4RN, N4SS 11 RN5, W4KIX and WV5Z 10 RN5. K4SCL 21 Rep to other nets, also shares 10 NCS with WA4PFK.

New in-state stations are KI4PB and K4CP. Welcome! Best wishes to WA4PFK for a smooth move to his new QTH in Sunrise. We extend our sympathy to Laura, WA9VND on the loss of her mother. Our thoughts are with you Laura.

A look at the stats show that we could use more stations helping spread late session traffic around the state. We need more regular access to Orl, Tally, Jax, Daytona, Tampa and St Pete. A BIG thanks to KB9LT, Wx4H, N4KFU, WA4PFK, WA4EIC, and others (add KA4FZI, by Ed, K4IA) who step in to move traffic to other nets or fill net spots when needed. Every NCS on QFN is a caring person who is happy to slow their CW to your copy speed if you let them know. You will find QFN pleasantly efficient, helpful, and friendly. Please join us on 3651 at 7 and 10 PM EDT.

73/88, Phil, Ka4FZI, Manager, QFN

FMSN REPORTED BY ALMA, N4MML: FMSN is doing fine despite difficult conditions caused by afternoon thunderstorms. 25 different stations checked into the net during the month with an average QNI of 10.2. Not bad considering some regular members vacationed during that time, including myself. Thanks to OB, WC4D for taking and compiling the reports while I was gone. His assistance is always appreciated.

Stations with high QNI were AA4BN, WC4D, KC4FL, AA4HT, N4IWO, W4IYT, N4MML, KA4NXF, KJ4OU, WA4QXT, KA4SIH and WA9VND. These, along with others who check in often, means that the capability is there to handle more traffic than the count of QTC 70.

Sorry to have to miss the Melbourne Hamfest — that's one that Don and I enjoy and usually make — but have a scheduled FCC Exam session on September 10th. In the meantime, see you on FMSN at 1730 on 3651.

73/88, Alma, N4MML, Manager FMSN

Thinking of publications, how many of you use your Florida Traffic Handler's Routing Guide? The 6th edition is a storehoue of information for the operating position. I have tabbed mine at NTS Routing, ARRL QN Signals, and ARRL Numbered Radiograms. This way there isn't as many papers at the operating position. Look into this and you will find that the 3 tabs give you access to 6 charts.

73, Ed

FLORIDA TRAFFIC NETS

Local Time	Net Name	Frequency
0700	Florida Phone Traffic Net (FPTN)	3940
0830	Gator Net (GN)	7068
1200	Florida Midday Traffic Net	7247
1700	Tropical Phone Traffic Net (TPTN)	3940
1730	Florida Medium Speed C.W. Net (FMSN)	3651
1800	Florida Amateur Sideband Traffic Net (FAST/E)	3940
1830	Northern Florida Phone Net (NFPN)	3950
1900	QFN The All-Florida C.W. Net (early session)	3651
2000	QFN — Slow-Speed Net (QFNS)	3715
2200	QFN — The All-Florida C.W. Net (late session)	3651
1630	Florida Public Operations Net (FPON)	3908
0900 — Sat.	Florida Packeteers Net (FPN)	7231
0800 — Sat.	ARRL Information Net	3940
0900	Florida Races Net	3990

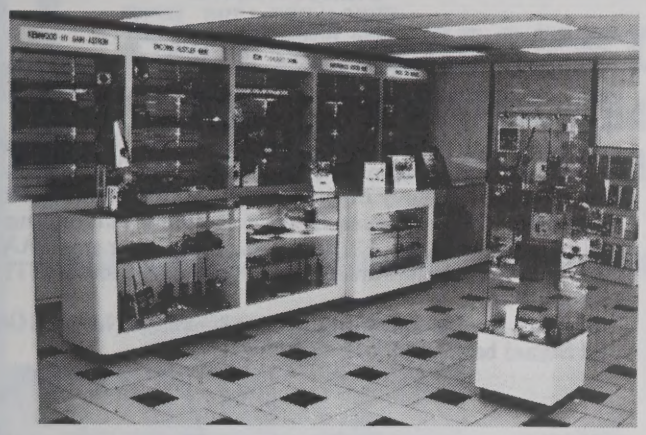
SUPPORT THE NET OF YOUR CHOICE
(Clip and Save)

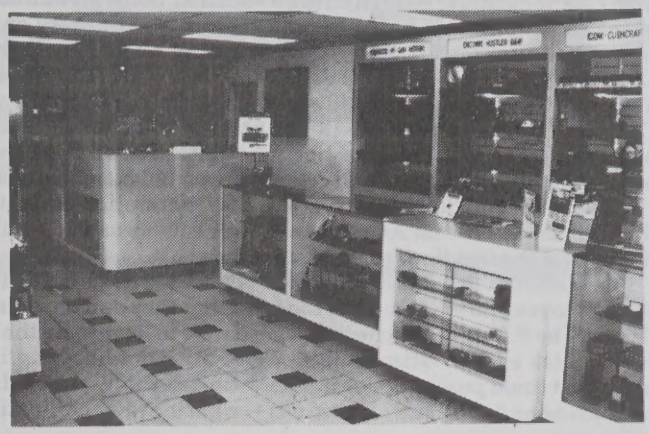
TRAFFIC HOUNDS AUG., 1988

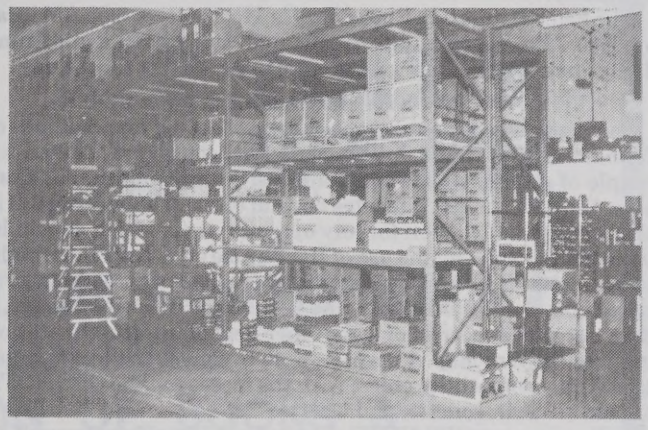
BY K4ZK

NET	QNI	AVG.	QTC	AVG.	SESS.	MGR	QTC/QNI
QFN	884	14.3	561	9	62	KA4FZI	.63
FMTN	749	24.2	352	11.4	31	N4UF	.46
SVTN	575	18.5	258	9	31	KB4LB	.44
FPTN	1414	25.6	241	7.7	31	WB4WYG	.17
SEFTN	1049	33.8	219	7.1	31	KA4YHS	.20
GN	324	10.5	213	6.9	31	N4ET	.65
TPTN	500	16.1	187	6	31	WB3AVZ	.37
NFPN	1986	64	124	4	31	NL7GV	.06
QFNS	235	8.1	104	3.6	29	KC4FL	.44
SWFTN	673	24.9	100	3.7	27	K4FQU	.14
FAST	223	3.6	90	1.4	62	WD4KBW	.40
FPON	371	12	86	2.8	31	WB4GCK	.23
FMSN	317	10.2	70	2.3	31	N4MML	.22
SPARC	639	20.6	41	1.3	31	KA4CRS	.06
PBTN	326	14.2	20	.8	23	WA4RUE	.06
AIN	88	22	11	2.8	4	WA4PFK	.12
PRVAN	33	5.5	7	1.1	6	WD4KBW	.21
DEN	525	105	5	1	5	N4ORZ	0.00
ENMC	41	10.3	2	.5	4	K4ZK	.04

A PICTURE IS WORTH 10,000 WORDS . . .





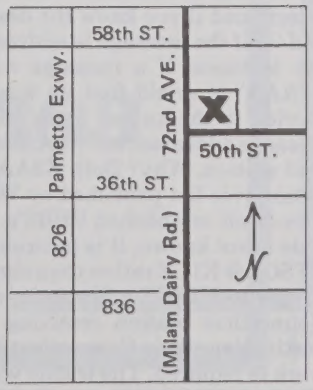


INTERNATIONAL RADIO SYSTEMS

5001 N.W. 72nd Ave., Miami, FL 33166

(305) 594-4313/4314

Hours: Mon.-Fri. 9:30-5:30 Sat. 9:30-2:30



Net NEWS from page 4

FLORIDA PHONE TRAFFIC NET
By Bill — WB4WYG

Total checkins for Aug. — 1,414 — and that for a month when many of the members were enjoying a vacation. Some are still out of the state: — Rus, WB4ZVD is checking in almost every day from Skaneateles, NY. Bob, N4PVY almost every day from Canton, OH. "Doc" W4SME has left the west coast Vancouver area, now heading east and will spend Labor Day in Rapid City, City, SD. He reports band conditions bad and will try to checkin when he gets east of Chicago. Jim, KA4AMC of Avon Park has been using his QRP rig and still gets out in a satisfactory manner.

NT4K, Frank of Cullowhee, NC was the 1,000 station and gets the "Golden Cookie" for Aug. Average daily count was 45.6—still not bad for the middle of the summer season.

The Melbourne Hamfest will give a chance for those that can make it to see and greet some of the folks that they daily hear on the air. The F.P.T.N. Luncheon is a good time to have more than just a quick eyeball. Miss Ginger, WB4SOU has something in mind that could prove to be most interesting on this occasion. In as much as no details have leaked out — what may happen is still a mystery.

The Friendly Florida Phone Traffic Net meets at 6:55 AM local on 3940 Khz. We do handle traffic and we do have a good time doing "our thing." Join us and enjoy a good start for the day.

THE NTS PACKET MESSAGE (PART FOUR)

During the past few months we have observed four methods of formatting NTS traffic for filing on a Packet network. There are a couple of more methods we shall look at this month. but first, after the AR! The AR indicates the end of the NTS message. It is an appropriate location for any operator notes which should be identified as such by the use of the Phrase OPS NOTE. It might be a comment that the phone number appears incorrect, or a particular word or name is being passed as received although it does not appear correct or some other item of interest the station making delivery may or may not wish to convey to the addressee to clarify a potential problem with the message. The OPS NOTE should be clear, concise, and brief.

Following any OPS NOTE, I have been identifying myself as the station that placed this message on the packet network. Comments received from several stations around the country indicate they are adopting that procedure as it is an aid in servicing. Although services are normally sent to the originating station, comments are sometimes sent to the station that placed the message on the packet network that lead to better formatting or better routing. So whether you originated the message or are refiling the message from a CW or Voice Net, placing your call sign and home pbbs is a worthwhile action, e.g. "K4CY @ K4GBB."

Finally, the delimiter is added. This is the CTRL Z or/EX mentioned in an earlier column. I do note there are some PBBS's that will not accept the /EX as an ending delimiter. If that is the case only the CTRL Z will work. When forwarded by your local PBBS, that PBBS will substitute the correct ending delimiter that will work nationwide.

The other two methods of formulating line one (the ST line) are determined if you know the destination PBBS for this message and/or if the message is addresed to a specific amateur station. For instance, if a message were addressed to "ST K4ZK @ K2AAA" it would find its way quite well around the state of Florida to the known home PBS for Bill (K4ZK). Similarly, a message addressed to "W1ABC @ K1CE" would also be routed to that station. Why? Both K2AAA and K1CE are identified in a nationwide list published by W9FRX and reside in the forward files of all established PBBS's. For this same reason, if the zip code is not known, it is peferable to send traffic for Hartford as NTSCT @ K1CE rather than simply to NTSCT. Traffic addressed simply to NTSCT will require manual intervention by the first Connecticut station receiving that traffic to route it to the destination city in Connecticut. With NTSCT @ K1CE no manual work is required. The traffic will be delivered to K1CE's PBBS. Next month, "For Sysops Only".

AL K4CY @K4GBB

AMATEUR OF THE MONTH
K4IY Scott A Magness
3808 Southwest 20th Street
Ocala, FL 32674
(904) 237-1796

Born 26 November 1906. Wife is Marjorie.

Scott describes his education: Some-but not enough; attended many but graduated from none. continuing education toward Doctorate from the "University of Hard Nox."

Worked at B/G Sandwich Shop, New York; Radio Operator First Station SS Chonco KEC, and others. New York Edison Co. Meter Tester; US Navy Inspector of Naval Radio and Electrical Equipment; Westinghouse Electric company Junior Engineer and power tube tester; US Department of Commerce CAA and FAA Radio Electrician, and later Air-Carrier Inspector. RETIRED 19 May 1967.

Served with C.M.T.C. Signal Corps, New York National Guard, 51st Signal battalion.

Other hobbies listed are fishing, camping, repairing family's TV sets and most anything else that breaks.

Station equipment: Collins KWM-2, 30-L1, Kenwood TS$#)S, Heathkit SB200, KLM Multi 2700 2 meter FM, AM, SSB and CW Transceiver with moonbounce 10 meter receiver built in. 15 element Yagi for 2 meters; E-Z Way HD-40 Telescoping fold over mast, as vertical antenna for 80 through 10 meter bands; 15 meter 3 element home brew Yagi, 30 feet high.

Comments: Was held hostage by unofficial group in the jungles of Brazil while investigating the crash of a PAA Boeing 377. See July 26, 1952, issue of the Saturday Evening Post for further information. Stationed at the US Embassy in London, England (1945-50), and in Beirut, Lebanon (1957-59).

Scott can be found Monday thru Friday on or about 3845 KHZ SSB with the "How About It Net."

WDNA-FM MIAMI NEEDS HELP

The 18-year-old, 10,000 watt RCA BTF-10 FM transmitter died according to Tom Becker ex-K3URO, Chief Engineer. Kathy Bledsoe, daughter of deceased Bob Bledsoe WZ4V of Miami, had a story in the Miami Herald neighbors section, Sept. 15, page 12. WDNA is a non-profit FM station which runs on public donations. Ye Ed had a long discussion with Tom and Kathy and they have a real problem since the old transmitter is beyond repair.

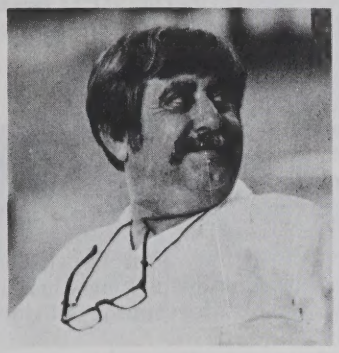
WDNA is looking for support in donations which can be used as tax write-offs. Any amount would be appreciated; from one dollar and up.

Tom advised he could also use some engineering help. WDNA/FM is in need of a new FM transmitter which will cost about $60,000. The Herald news item lists their address as 5820 S.W. 75 Ave. All donations however, should be sent to WDNA TRANSMITTER FUND, P.O. Box 558636, Miami, FL 33155. For more info you can call Kathy or Tom at (305) 264-9362.

WDNA has only one paid employee! They have no main source of income. Let's help WDNA/FM get back on 88.9 FM with good programming. PLEASE!

ELI'S AMATEUR RADIO, INC.

1351 STATE ROAD 84 • ALLIGATOR ALLEY
FORT LAUDERDALE, FLORIDA 33315



OPEN

7 DAYS A WEEK

THE LATEST IN HAM EQUIPMENT

ALL NAME BRANDS

LARGEST SELECTION OF BOOKS & PERIODICALS IN SOUTH FLORIDA!!!

VISIT OUR USED GEAR DEPT

EQUIPMENT SOLD ON CONSIGNMENT

8/10 MILE EAST OF I-95 — ON NORTH SIDE
1351 STATE ROAD 84
FORT LAUDERDALE, FL 33315

305 **525-0103** BROWARD

305 **944-3383** DADE

"SE HABLA ESPAÑOL"

N.W. FLA NEWS
Bob Watson, W4DTV

Well its that time of the month again so will try and put together some news for the "N.W. FLA NEWS", report.

Add to last months report for FWB/Crestview Local Nets, The Panhandle Packett Net which meets every Sunday at 2030 on 96/36 (147.36)

The Pensacola Emergency Net meets every Monday at 2000 (8PM, CDST) on 16/76. They also have Packet available on 145.01; 145.07 and 145.09. The Club Sharpe (CAVEC) gives FCC exams on the third Thursday of every month at 5PM, at the West Fla Hosp in the cafeteria section, for further details contat AA4W THE VE.

Panama City area has the following nets that visiting hams may want to check into: Races daily except Saturday and Sunday; on 34/94 at 0810 CDST (0910 EDST). Also the Miracle Strip Club has a net on 147.345 (+600) daily at 7PMCDST.

They also have Packett on 145.01 (PFN1 DIGIPTR) PBS KD4EQ with a 40 meter link to 145.01

The Marianna Club has nets on Monday at 7PM CDST on 146.67 (16.76).

The Chipley Club has nets on Tuesdays at 7:45 AM CDST on 146.745 (-600).

Crestview held FCC exams on Aug. 13,88, Saturday with 6 applicants taking 14 elements, 7 passed 7 failed (av. 50%) 2 applicants upgraded and 4 failed to upgrade, however CSCE's were issued where required. Anyone desiring a more detailed report send a SASE to me.

The writer visited the Huntsville, Ala Hamfest last weekend the 20th of Aug. and think it was a bigger and better Hamfest than last year. Am looking forward to many more hamfests. To those who did not visit the Dayton Hamfest you should go at least one time

73 to all until the next time.

WEST PALM BEACH AMATEUR RADIO CLUB, W4HAW
Brian Fuente, KB4YPA

The club sponsored a free flea and pot luck picnic which was held on Sat. Aug. 13, 1988. The weather man cooperated by cancelling the rain at John Prince Park in Lake Worth that morning. Turnout was good despite the short notice.

At the Aug. 9 meeting in the Emergency Operations Center, a letter to the club was read regarding the Florida QSO Party; K2POF, "Dick" from New York writes that he is an avid contest participant and he believes that we would have more hams entering the event if more plaques were awarded instead of certificates. Another good suggestion by a visitor to the meeting was that we advertise in the National Contest Journal, published by the ARRL. Both are good ideas that could help the contest stay alive in the years to come. If any readers out there have ideas on improving contest participation, please feel free to mail your comments and suggestions to the club at P.O. Box 6834, Southboro Station, West Palm Beach, FL 33405. Thanks for your co-operation.

OO CORNER
Eric Hogberg W4TAH

In a way its surprising how little interference between amateurs has been reported between February and October. October, November, December and January are the worst months. Two events contribute to this. One — increased propagation during the winter months and two — the influx of our winter visitors.

How do you propose to handle this problem if it should arise? In the proposed New Rules and Regulations, there is a section on Frequency Sharing which states that the individuals concerned must solve the problem.

Does this mean that you can't get help to solve this problem. No, the Amateur Auxiliary, when requested, will monitor to obtain a history, and forward the information to the Regional Monitoring Station. The best way to defeat interference is to have an alternate frequency.

29th ANNUAL

TROPICAL HAMBOREE

A.R.R.L. FLORIDA STATE CONVENTION

FEBRUARY 4-5, 1989

TAMIAMI PARK FAIR GROUNDS

10901 S.W. 24th Street (Coral Way), Miami, Florida

HOURS: 9 A.M.-5 P.M. SATURDAY • 9 A.M.-4 P.M. SUNDAY

FREE PARKING 15,000 VEHICLES •
1,000 INDOOR SWAP TABLES •
300 CAMPSITES WITH FULL HOOKUPS •

• 200 COMMERCIAL EXHIBIT BOOTHS
• COMPUTERS & SOFTWARE
• LICENSE EXAMS

Registration: $5.00 Advance — $6.00 Door. Valid Both Days. (Advance deadline January 30th.)
Swap Tables, 2 Days: $16.00 each. Power: $10.00 per User.
All swap table holders must have registration ticket.
Campsites: $12.00 per Day • Includes Water, Power, Sanitary Hookups & Showers.
(All RV vehicles, tent campers, vans, trailers welcome — no ground tents, please.)

Make Checks for Registration, Swap Tables & Campsites Payable to:
Dade Radio Club & Mail As Follows:

Tickets & Hotel Info Only: Evelyn Gauzens, W4WYR, 2780 N.W. 3rd St., Miami, FL 33125
Swap Tables, RV, Tickets & Hotel: John Hall, WD4SFG, 8670 S.W. 29th St., Miami, FL 33155
RV & Tickets Only: Dick Leisy, W4OOH, 650 W. 63rd Dr., Hialeah, FL 33012
Exhibit Booth & General Info: Evelyn Gauzens (address above) or Call (305) 642-4139 or (305) 233-0000

(BROCHURE WITH FULL DETAILS AVAILABLE DECEMBER 1st)

AZDEN

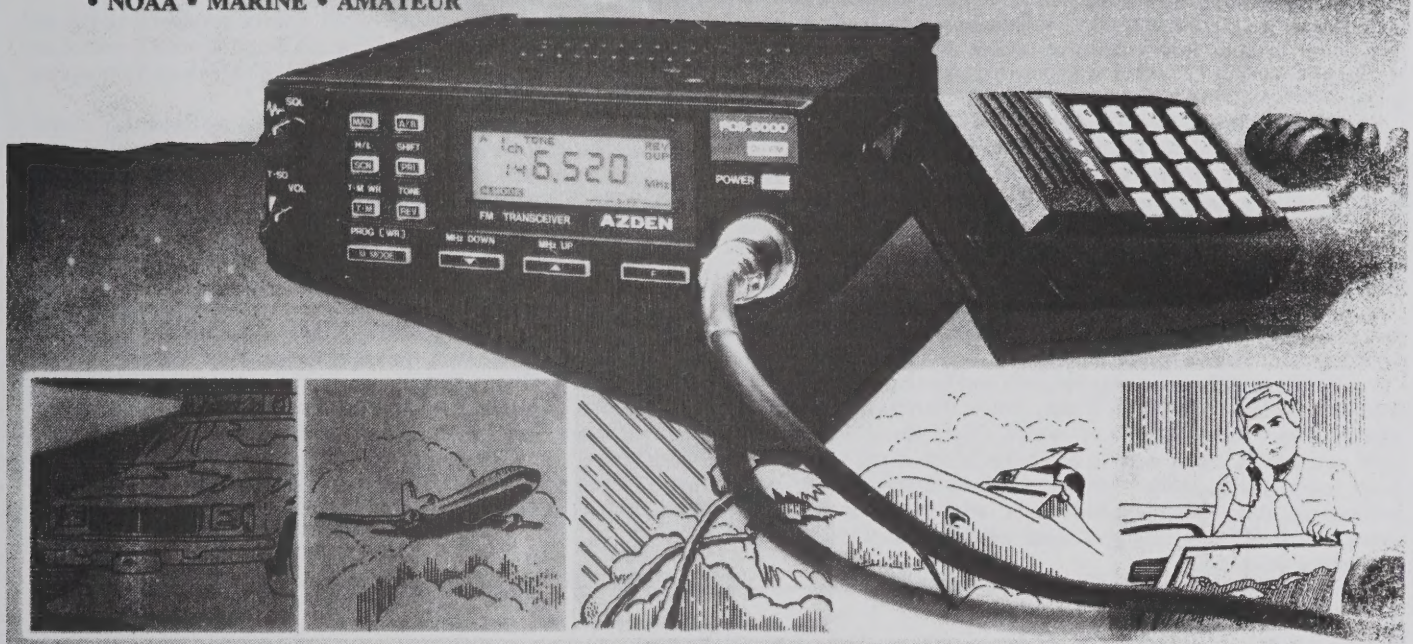
THE *New* PCS-6000

BOLDLY GOES WHERE NO OTHER TRANSCEIVER HAS GONE BEFORE!!

RECEIVE 118 TO 173.995 MHZ.

• AM AIRCRAFT • PUBLIC SERVICE

• NOAA • MARINE • AMATEUR



LISTEN TO YOUR VISITORS FLIGHT ARRIVE AT THE AIRPORT, TO NOAA WEATHER, AND TO PUBLIC SERVICE, POLICE, FIRE, FORESTRY AND MARINE FREQUENCIES

MODELS: PCS-6000/PCS-6000H (25W/45W). *Also coming soon PCS-6200 220MHZ, PCS-6300 70CM and PC-10 10 Meter FM Handheld.* CMOS AND ADVANCED SURFACE MOUNT TECHNOLOGY PROVIDE UNPRECEDENTED COMMERCIAL QUALITY AND RELIABILITY.

UNPRECEDENTED WIDE REQUENCY COVERAGE: The PCS-6000 receives 118.00 to 135.995 MHZ AM Aircraft/136-173.995 MHZ FM and transmits 140.100 to 150.000 MHZ. Modifiable to ALL MARS and CAP frequencies (proof of authorization/license required)

TINY SIZE: Only 2 inches high, 5½ inches wide and 7¼ inches deep!! Easily fits anywhere, even in the smallest car!

20 CHANNEL MEMORY IN TWO BANKS PLUS 1 TEMPORARY CHANNEL (TM): Two memory banks, A and B have 10 memory channels each. The memories store frequency, shift width, offset information, and PL tone frequency as programmed. *An extra memory channel (that we call TM-temporary memory) is provided to allow you to store any operating condition instantly again and again!!*

UP TO 21 NONSTANDARD SPLITS: Program any split in any channel.

VERSATILE SCANNING FUNCTIONS: Dual memory scan, programmable band scanning, hold scan and delay scan functions are provided, with selectable delay time. ALL memory channels are tunable independently.

PRIORITY CHANNEL MONITORING: Memory Channel BØ(the first channel in memory bank B) is monitored every four seconds regardless of any operating condition. When a signal is received, a beep is heard.

DISCRIMINATOR CENTERING (AZDEN EXCLUSIVE PATENT): Always stops on frequency desired when scanning.

PROGRAMMABLE FREQUENCY STEPS: In memory, frequency steps can be set at 5KHZ to 20KHZ in any increment.

BUILT-IN PROGRAMMABLE TONE ENCODER: 57 different tones are built in for instant programming of PL tones into memory channels and microcomputer. Tone frequency can be entered independently in RX and TX. A tone decoder is available as an option.

LITHIUM BATTERY BACKUP: Memory information can be stored for up to 5 years even if power is removed.

FREQUENCY REVERSE: Allows you to listen to repeater input frequency.

FEATHER-TOUCH TUNING CONTROL KEYBOARD: The LED backlighted light touch keyboard performs all tuning operations simply by pushing the key(s) and key actuation is audibly verified.

LARGE LCD (LIQUID CRYSTAL DISPLAY): The LCD display shows the operating frequency, S/RF, memory channel in use and various other operating functions. The LCD is back-lighted by green LEDs, making it possible for you to read the display even in total darkness.

FULL 16 KEY TOUCHTONE PAD MICROPHONE: DTMF Microphone functions as auto-patch when transmitting.

DIGITAL S/RF METER: Shows incoming signal strength and relative transmitter power.

MICROPHONE CONTROLS: Up/Down memory and frequency control.

TRUE FM, NOT PHASE MODULATION: Unsurpassed intelligibility and audio fidelity.

High/Low Power: 25W/45W or 5W/10W (6000/6000H). Output-Fully adjustable.

SUPERIOR RECEIVER: Sensitivity is better than 0.15 Microvolt for 20-DB quieting. Commercial-Grade design assures optimum dynamic range and noise suppression.

AUDIO OUTPUT: 2 Watts or more.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

OTHER FEATURES: Rugged dynamic touchtone DTMF microphone, built-in speaker, mobile mounting bracket, remote speaker jack, and all cords, plugs, fuses and hardware are included.

EXCLUSIVE DISTRIBUTOR:

AMATEUR-WHOLESALE ELECTRONICS
46 Greensboro Highway, Watkinsville, Georgia 30677 Telephone (404) 769-8706 FAX (404) 769-7970 (7pm-10am) Telex: 4930709 ITT

FOR YOUR NEAREST DEALER OR TO ORDER:
TOLL FREE 1-800-451-2397

MANUFACTURER:
JAPAN PIEZO CO., LTD.

DISCOVER MasterCard VISA

ARMY MARS — INFO FROM A PRO
By Dick Biow AAR4PP/KA4AIZ

About once a year we interview Grant Reimers, manager of the Orlando Branch of Amateur Electronic Supply. This year, as usual, he gave us a solid picture of what's happening in the Ham Radio field, as seen from the other side of the counter. Here are some of his observations:

1. The Japanese yen's rise against the U.S. dollar has increased the cost of Ham gear in America. Since nobody can keep boosting the price of a current model indefinitely, the Japanese have, in some cases, come out with new models costing from 10%-25% more than the old. Practically speaking, the main difference between the old and new designs is to be found in model-numbers and cosmetics.

2. This hike in new-equipment prices has almost dried up the used-equipment market. Used-gear shelves in Ham stores are almost empty. After the first few hours of a Hamfest, little but junk is seen on the swap tables. Hams trying to trade in used equipment at Ham radio stores are often approached by other Hams whispering, "Hey Old Man, don't trade that in; lemme buy it from ya!"

3. Don't look for American manufacturers who previously left the Ham market to move back in substantial numbers. Most fear that, if they do, a change in the exchange rate will once again leave them in a poor competitive position. Another dissuading factor is their perception that Ham equipment costs them more in headaches (read, unjustified consumer complaints) than any other kind of electronic product.

4. The huge boom expected from opening 220 to Novices has not materialized, but there is a mini-boom on the 220 band deriving from Packet Radio.

5. Until recently, most Packet gear had been purchased with software for the Commodoe. Today, more than half is procured with software for IBM PC's or clones. (The columnist butts in: IBM is a **much** better way to go than Commodore, unless you don't mind being locked out of the best software for word processing, data bases, speadsheets, education, and modem operation. A PC may cost you more initially, but it won't point you into a dead end.)

6. Activity on 11 meters (remember?) is up again after almost vanishing, because CB-ers are discovering that long-distance skip is beginning to re-appear.

7. In the Ham community, expect a continuing increase in appliance operation. Newer Ham equipment is becoming more and more complicated, and electronic test apparatus is getting more and more expensive. The commitment in study and money required to do much more than the simplest of repairs to Ham rigs has climbed beyond the level that most people would call a hobby.

USAF MARS
Guice W. Johnson WA4LHO/AFA2SB

The USAF MARS Region Two Conference has come and gone. Those of you that did attend this year's conference at Richmond, Virginia were able to enjoy the comradery of such a gathering. Those of you that missed it missed a very important part of MARS.

Everett Worrell W4WJJ/AFB2MT did an outstanding job as conference chairman and the Virginia State MARS Director as well as the Virginia members went out of their way to make us welcome and present an exellent program.

The finale of the meeting was the banquet on Saturday night. This was an opportunity for all to enjoy an excellent meal and for many deserving members to receive awards for their contribution to the USAF MARS program. We all say that we do what we do only for the joy of doing it but it does make one feel good to know that our efforts are appreciated. The pay is not very good and these bits of recognition help make it all worthwhile. Unfortunately financial restrictions dictate the number of awards that are presented. If you were one of those that did not receive an award don't think that your work and dedication is not appreciated.

We haven't been bothered by any hurricanes yet but we have had our share of thunder and lightning. Aren't you glad that you have provided adequate protection for your electronic equipment? What do you mean, you haven't gotten around to it yet? We still have a couple of months of thunderstorms left, lets get with it.

Suncoast Convention 88

ARRL Southeast Division

Nov. 19, 20 - Tampa, FL

Curtis Hixon Convention Center, 62,000 Sq. ft.., Major Distributors, ICOM, TEN-TEC, AEA

HUGE Indoor Swap Area - FCC Exams, $4 Fee - $4500, in Major Prizes

Forums - Luncheon - Dinner Dance

Admission Only **$6**, Swaps **$15** (Two days), Luncheon **$10**, Dinner Dance **$15**, Door Prizes at each.

Hotel Rates $42 Sgl., Dbl. Hotel Reservations: Holiday Inn, Ashley Plaza: Tel. 813-223-1351

Tickets, Tables, Meals c/o: Tickets, 1556 56th Ave., S., St. Petersburg, FL 33703

MAXCOM®

MAXCOM AUTOMATIC ANTENNA MATCHER

P.O. Box 502
Ft. Lauderdale, Fl. 33302
(305) 523-6369

K9LSB

JACK D. FORBING
1416 LAKEWOOD DRIVE
FORT WAYNE, INDIANA 46819
219-747-5155

December 18, 1987

MAXCOM Incorporated
Mr. Sonny Irons, President-CEO
Fort Lauderdale, FL

Re: MAXCOM 200D #31005907
Purchased 10-12-87

Dear Sonny:

I have had the above "200D" in operation for nearly 2 months now after securing same from you on 10-12-87. I'm pleased to report that all is working exceptionally well - in all services. As I indicated on my warranty card earlier, this station is involved in mutliple services (i.e., USAF MARS [now Indiana State MARS Director] AFA1MU/AFF1IN; USAF CAP [Major] Great Lakes Region Staff [Communications] as Great Lakes 14) including very active involvment in the amateur radio service (FCC FOB AA/OO; AIRS; RACES; ARES etc). These services require operation on many specific freqs between 1.8 and 30 MHz. The broadband multimode ICOMs and the single MAXCOM 200D are fully serving these requirements.

I have been pleased with the results and happy to receive very acceptable signal reports (band propagation permiting hi) from all stations with just 100 watts of power. I have a multiple position station for these services and am planning to install yet another antenna with the MAXCOM 200D in the very near future. I have the system with 70' sides (140' overall) in an inverted "V" configuration up about 40'.

I am pleased with your product Sonny-in spite of some bad press I've seen in the past. Proof is in the performance - and the satisfaction of this customer!

Thank you for your past courtesy and an excellent introduction to this outstanding antenna matcher product.

73,

Jack D. Forbing, K9LSB
USAFMARS AFA1MU/AFF1IN
USAFCAP GL-14
AA/OO, AIRS

JDF:bhs
cc :"HAMS-O-GRAM" newsletter

Absolutely no tuning with a MAXCOM® system. Simply connect. dial your frequency and talk... That's it. just TALK.

® MAXCOM is a registered trademark and is owned by Maxcom Electronics, Inc.

Palm Beach Repeater Association, Inc.

Presents the Second Annual

PALM BEACH COUNTY HAMFEST

Amateur Radio & Computer Show October 15th & 16th, 1988

Hamfest Information

South Florida Fair Grounds
Southern Blvd (State Rd 80)
West Palm Beach, Florida

Saturday October 15th, 1988
9:00 AM - 5:00 PM

Sunday October 16th, 1988
9:00 AM - 3:00 PM

- **o Indoor Flea Market**
- **o Exhibits**
- **o FCC Exams Saturday & Sunday**
- **o Door Prizes**
- **o 15,000 free parking spaces**
- **o 100 RV full-hookup sites**
- **o On-Site Security**
- **o Quality Food Catering**
- **o Large Aisles**
- **o Packet Radio Demo and Forum**

Admission
Admission tickets are $5.00 at the door. Tickets are valid both days.

Flea Market
Flea market tables are $17.00 at the door, if available. Tables are valid both days. Admission tickets must be purchased with flea market tickets.

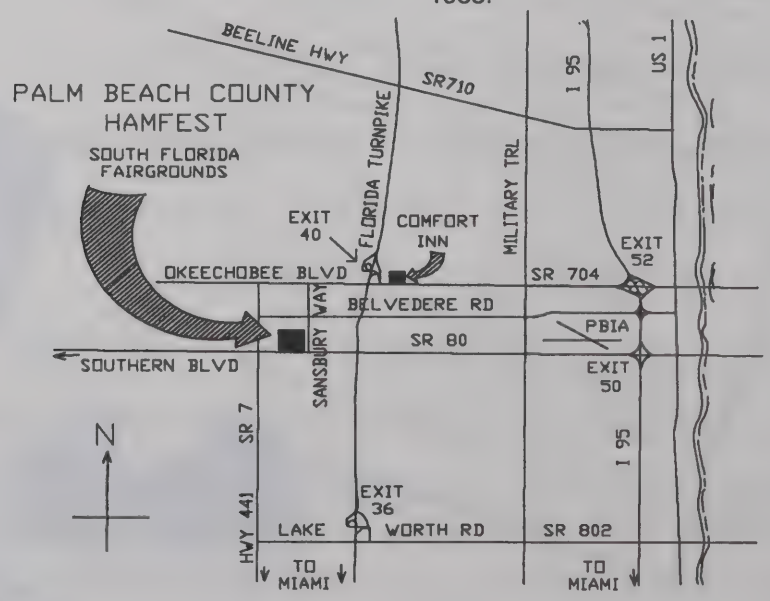
FCC Exams
Novice thru Extra exams are scheduled for Saturday and Sunday. Exams will start promptly at 9:00 AM. Exams will be held on site.

Talk-In Frequency
Talk-In Frequency will be 146.52 Simplex and thru the 147.165/147.765 Repeater. Talk-In will be active one hour before Hamfest hours and one hour before Setup hours.

Lodging
The official Hamfest Hotel is:

Comfort Inn (Turnpike)
5981 Okeechobee Blvd.
West Palm Beach, FL 33417
(407) 697-3388

Reservations must be made directly with Hotel. Palm Beach County Hamfest should be mentioned to get special Hamfest rates. Reservation deadline is September 30th, 1988.



POLISHING BRASS
Dan Laxson, W4DL

We picked up a pilot at Galveston and started through the Houston ship channel. Thats canalized old Buffalo Bayou for a distance of 50 miles. Bordering the canal are such exotic places as Goose Creek and Bay Town.

Half asleep on the forward steam winch I was awakened by the mooing of a cow. About five feet above the bow was a large cow making herself known. We were both surprised to see one another. We weren't the only ones surprised. I heard the Captain in a tightly controlled voice ask the pilot how he got us this way. The engine room telegraph went mad with bells and after some swinging around and backing we straightened out.

We anchored in the turning basin and went to work unloading the cargo. I locked the radio room and went ashore while the rest of the crew were taking the hatch covers off. They love you for that, and often reach through the port hole to lift your cigarettes from atop the receiver. Some even leave their half-smoked butts in exchange.

There were no crew's quarters radios and they often asked for ball scores and even stock quotations. It be-hooved the radioman to see that they got the information.

At night sleep sometimes came slow. Foreign vessels anchored on the other side of the basin played broadcast music loud and often. Finally ships would gang up on them and turn their regenerative receivers on the frequencies and the music was replaced by squeals and howls until the radios were turned off.

During a gangway watch — jump up and down on the cables and be sure they are tight — as if my 115 pounds would make any difference. While thus engaged two well dressed men came aboard and asked for the cook. Since he was from Albany, Georgia I was eager to please and directed them to his quarters. Next morning the Captain and Third mate gleefully informed the cook was beat up last night for non-payment of a Houston bar bill. They thought it funny, I didn't.

A statuesque red head ran a dry cleaning establishment near the dock. She admitted to liking radio operators. I didn't tell her about my seaman counter-part.

I sat in her scented boudoir in my shorts until she brought me my newly pressed pants, paid the forty cents and went to squander my passion at a local shooting gallery and then a Texas steak.

We got underway loaded with what appeared to be Newsprint and most of the trip was dull indeed.

One instance livened things up. I was contacting a Standard Oil tanker asking him how I could keep the gaps from blowing out in the quenched gap. The third mate stepped in the radio room and reached across me for the weather hanging on a clip board. He got too close to the antenna lead in. For a fraction of a second there was both a nasty little sound and odor. The mate rared back, hung his heel on the transom and went backwards on his way down the ladder to the next deck. He didn't make it all the way. I wondered how in modern times they had people walk the plank. I apologized, he never came back in the radio room but always sent someone after the weather.

The Captain allowed me free rein to learn as much about navigation as I could. Since there was no pelorous on the bridge he showed me how to use the sextant layed on its side to take bearings. He gave me a book on rules of the road, etc. He didn't let me neglect seamans duties and at one time I was swung over the side in a boatswain's chair and did my share of chipping paint. From that altitude I culd see various denizens of the deep who seemed to be following me with some anticipation.

As I went ashore for the last time, the Captain still telling me to stay and get a third mates ticket, I gave my Navy pea coat to the little boatswain, he was the only man on board small enough to wear it.

With split alky-alcohol, sugar and water at a dollar a bottle, made transporting a shipmate to public transportation a chore. Every block I braced him up against the brick buildings, lectured him on the evils of drink and we walked a little further and did the same thing. I left him riding when I got off.

PUBLIC SERVICE
1988 NATIONAL JUNIOR OLYMPIC GAMES

The Gainesville Amateur Radio Society provided communication support for the Red Cross First Aid Station established at the University of Florida Percy Beard Track Stadium, from Tuesday July 26 thru Sunday July 31, 1988. Over 6,000 contestants from all over the United States participated. Approximately 2 to 3,000 parents, supporters, sponsors, coaches and spectators filled the stands.

With only a couple of days advance notice the Hams responded in a timely manner and provided yeoman service. Those participating in this 6 day event were:

K2AQM Lenny — KJ4GP John — KB4HKI Jenny — WB9HFV Jim — W4JKE Chuck — N4LIV Jack — N4LRJ Brian — K400 Pat — NF40 Earle — N4QYS Larry — WA4UFO Jack — and W4UZB Bob. Over 260 manhours were provided for the Junior Olympics.

This activity provided a wonderful training ground and provided many suggestions for better operations. Among the items highlighted was the need for adequate advance notice with better overall planning. A coordination meeting including all sponsors, volunteers, donors and coordinators to define duties and responsibilities and to eliminate duplication of efforts would be most appropriate.

When using the 911 service it is necessary first to say "EMERGENCY" or the call will be transferred to other operators. We used the K4DPZ and W4DFU repeaters for out of the area and 146.52 simplex with low power for local work. Even with low power we had contact with traffic on I-75 which were using 146.52 simplex as a calling frequency. Communication support for public service events should have direct access to the public address system.

It was wonderful to see and enjoy the young athletes from all over the United States showing the spirited competition and excellent sportsmanship in the Junior Olympic Games.

73,N4QYS

COMMERCIAL GRADE POWER SUPPLIES!!

25 AMP $79.50

35 AMP $109.00

12 amps. $37.95.

25 AMP CONSTANT (27 AMP SURGE)
OR 35 AMP CONSTANT (37 AMP SURGE)

2 METERS SHOW VOLTS AND CURRENT.

FULLY REGULATED ADJUSTABLE OUTPUT
4.5-15 VDC 4 WAY PROTECTED.

2 YEAR WARRANTY.

TO ORDER

AMATEUR-WHOLESALE ELECTRONICS
46 Greensboro Highway, Watkinsville, Georgia 30677

TOLL FREE..800-327-3102
Telephone (404) 769-8708 Telex: 4930709 ITT

MOTOROLA AMATEUR RADIO CLUB PRESENTED PLAQUE BY SEFTN

Walt Dixon, W4DWN

At the monthly meeting of the Motorola Amateur Radio Club August 11th, Laura WA9VD representing the South East Florida Traffic Net presented a plaque expressing gratitude of all the members of SEFTN for being able to use the Motorola Club's repeater on 146.79/19mHz for the NET's 7 day a week traffic sessions.

Bill KI4US Club President received the award. He expressed appreciation of recognition by the NET and stated that the NET contributed a great deal to the PUBLIC SERVICE image of the Repeater by its usage of the Repeater on a daily basis. He stated he hoped that it would continue.

L to R: Al Budley, Laura Magiera WA9VND and Chuck Baer W4ROA. Al received an award of merit for organizing July 4th parade for City of Sunrise and Amateur Communications. Laura received for SEFTN Award of Merit for the Club.

ARRL AMATEUR AUXILIARY SEEKING MEMBERS

The ARRL and the FCC have signed an agreement which would use members of the League's Amateur Auxiliary to help find solutions for problems such as RFI/TVI and illegal operation in the Amateur bands.

The ARRL Amateur Auxiliary is the outgrowth of the League's Official Observer program and local hams interested in becoming OO's are urged to sign up for the program. Official Observers monitor the Amateur bands for illegal signals and send advisory notices to hams whose transmissions are not within the rules. Expenses for postage and supplies are provided by ARRL. An OO must take a home training course and pass a mail exam before becoming certified. OO's then may form Local Interference committess (LIC) which would work with the FCC's Field Offices to assist in intereference problems.

Anyone interested should contact Eric Hogberg, W4TAH at 4190 Malden Drive; Sarasota, FL. 34241 for more information on becoming an Offician Observer.

From Balanced Modulator — NOFARS

TRAFFIC HANDLERS WANTED NO EXPERIENCE NEEDED

The Florida Midday Traffic Net is looking for new traffic people to handle messages especially on weekends. the net meets at noon Eastern Time daily on 7.247 KHz. Especially needed are persons to pick up messages from Florida on the net and take them to the Fourth Region Net which meets on 7,243 KHz at 1:45 Eastern Time. High powered stations and gain antennas are not necessary. Anyone interested should contact the Net Manager N4UF or monitor the net. The best way to learn traffic is to listen to others passing messages and to nets in operation.

From Balanced Modulator — NOFARS

OKEECHOBEE HAMFEST

DECEMBER 3, 1987

Okeechobee, Florida

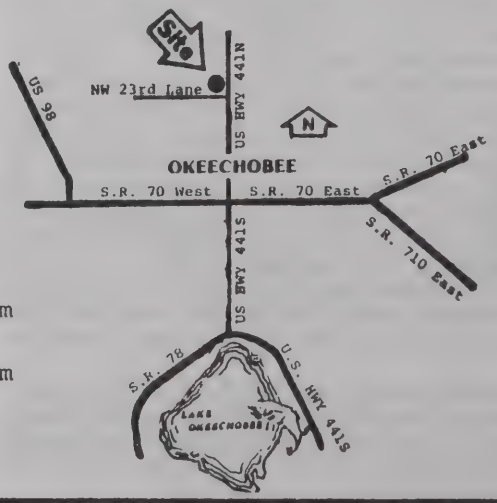
At the OKEECHOBEE AGRICULTURE CENTER BUILDING located 1½ miles north of intersection of U.S. Hwy 441 and S. R. 70

- SWAP TABLES
- A.R.R.L APPROVED
- TALK-IN 147.795/195
- TESTING-ALL CLASSES
- ACTIVITIES All Day
- OKEECHOBEE CATFISH DINNER

General Admission	$3.00
Advance Gen. Admission	2.00
Catfish Dinner	4.00
Swap Table	10.00
Outdoor Tailgate	NC

ADVANCE REGISTRATION
MAKE CHECK PAYABLE TO:
OKEECHOBEE AMATEUR RADIO CLUB
MAIL TO:
S.J. PAXTON, KB4RLK
PAXTON AIRPORT
6333 N.E. 120TH STREET
OKEECHOBEE, FLORIDA 34972
813-763-5498
Registrations received after November 20th will be held at Registration desk

8:00 am
to
4:30 pm



SPECIAL PURCHASE LIMITED QUANTITIES

CDE.....CD-45 II ROTOR FACTORY WARRANTY $175

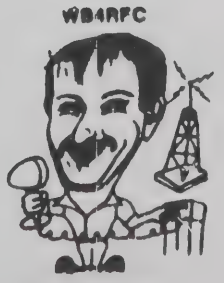
CDE.....AR-50 ROTOR NEW NO WARRANTY ..... $ 99

CUSHCRAFT ARX2B RINGO RANGER II ..... $ 35

CUSHCRAFT A743 A3 40 METER KIT ..... $ 60

HUSTLER HT-144 SF-2/HOT MOBILE 5/8 ANTENNA ..... $ 25

HY-GAIN STAINLESS STEEL BUMPER STRAP MOUNT .... $ 10



FREE FRESH BREWED COFFEE ALL DAY

MIKE'S ELECTRONICS

1001 NW 52 STREET
FORT LAUDERDALE, FLORIDA 33309
305-491-7110

3 BLOCKS NORTH OF W COMMERCIAL BLVD ON NW 10 TERRACE

International Traders

K4TWS

LOMAN LEE LARGEN

HOROLOGIST

IMPORT · EXPORT

Divers Watches, Sales & Service

(305) 651-1147

P. O. Box 69-3762
Miami, FL 33269

"KNOWN FOR SERVICE"

EVELYN D. GAUZENS

W4WYR

FUTRELL COMPANY, INC. REALTORS

11209 South Dixie Highway, Miami, FL 33156
(305) 233-4444 • (305) 642-4139

Paragon Technologies

Printed circuit board artwork from your schematic

Jan Zyskc
N4MEI

12663 SW 116 Ct.
Miami, FL 33176
(305) 238-7226

Sumter County Amateur Radio Tribe Repeater

BUFFALO WOLF

WB4MOY

Owned By Beverly Darbyson
443.125 / 448.125

Rt. 2 Box 431
Bushnell, Fla. 33513

GOOD STUFF CHEAP!

GSC ELECTRONICS

7715 INDUSTRIAL STREET
WEST MELBOURNE, FL 32904
(305) 727-8817 • FAX (305) 727-1546

SURPLUS ELECTRONICS

Send or Call for Free Catalogue

NEMAL ELECTRONICS INTL., INC.

12240 NE 14th AVE.
N. MIAMI, FL 33161
(305) 893-3924

- Distributor of electronic wire, cable, connectors, shrink tubing, and cable ties.
- Design and manufacturing of custom cable assemblies.
- RF microwave and high voltage test facilities.
- Franchised distributor for Alpha, Amphenol, Belden, Cablewave, Kings, Times and Tyton.

HIALEAH ELECTRONICS INC.

EXPERT ELECTRONICS DISTRIBUTORS
WHOLESALE • RETAIL • EXPORT

Joe WB4WNA

514 EAST 9th STREET
HIALEAH, FL 33010
887-5936 • 885-0992

- *Electronic Parts Specialists*
- *Audio-Video Accessories*
- *TV Antenna Systems*
- *Marine Antennas*
- *RCA Closed-Circuit TV Distributors*
- *Test & Design Equipment*
- *Intercom Systems*
- *TV & Computer Service Schematics*
- *Digital Components*
- *Complete Parts Inventory*
- *Professional & Friendly Assistance*

YOUR #1 ELECTRONICS PLACE

THE Cavender CORPORATION

Realtors Since 1957

MLS

W4ZD & TI2BEV

BEV B. CAVENDER
PRESIDENT
G.R.I.

1200 U.S. 27 N - P.O. Drawer 1083, Lake Placid, FL 33852
Office: (813) 465-4451 or 385-5133 - After Hours: (813) 465-2638

FOR ALL YOUR REAL ESTATE NEEDS
COMMERCIAL • RESIDENTIAL • INDUSTRIAL

MARK ROSNER • N4BDZ

BROKER — ASSOCIATE

(305) 921-6610
(305) 923-3333

belmont

1643 HOLLYWOOD BLVD.,
HOLLYWOOD, FLORIDA 33020

MLS

Florida Custom Plastics

CUSTOM ENGRAVING

KA4HWY

HARRY and JUNE KEITH

- ENGRAVED CALL AND NAME BADGES
- IDENTIFICATION PLATES
- DESK SETS AND PLASTIC SIGNS

LICENSE PLATES

PLEXIGLASS SIGNS

9900 ULMERTON ROAD, NO. 56
LARGO, FLORIDA 34641

PHONE (813) 584-5121

DOC'S Communications

KC4EV

N4ECA

702 Chickamauga Ave.
Rossville, Ga. 30741
404-866-2302 • 404-861-5610

POINTS SOUTH ELECTRONICS

SURPLUS . . . SURPLUS . . . SURPLUS

- Resistors (low-high wattage)
- Transistors • Connectors
- Capacitors • Diodes
- Repeater Cabinets (many sizes)
- Used Amateur Radio Equipment

OR WHAT DO YOU NEED???

4009 West 18th Avenue, Hialeah, Florida 33012
Tel. (305) 557-9477

GULFSIDE REALTY INVESTMENTS, INC.
2661 Airport Road, South, Suite B101
Naples, Florida 33962

STEVE CHAMBERLAIN
Realtor - Associate

REALTOR®
AI4R

Office (813) 775-3880
Home (813) 261-0097

CASA MARCONI
PRE-OWNED COMMUNICATION EQUIPMENT
KA4TQP
JULIO C. UTRERA
7189 S.W. 8th STREET
MIAMI, FLORIDA 33144
OFFICE (305) 264-8443

SOUTHERN TECHNOLOGIES AMATEUR RADIO
AZDEN SERVICE - COMMODORE
COMPUTER REPAIR - SATELLITE
TVRO SYSTEMS - SALES & SERVICE
JOE LELLO/KF4AX • BOB FORMAN/N4CRP
10715 S.W. 190 St. #9 • Miami, FL 33157 • 238-3327

COMPUTERIZE YOUR SHACK
YAESU 747, 757GX, 757GXII, 767, 9600.
KENWOOD TS 440, TS 940,
ICOM R71A, R7000, 735, 751A.
DRIVERS FOR RADIOS ARE MODULAR.
JRC NRD 525.
COMPLETE PROGRAM ENVIRONMENT
MENU DRIVEN AND DESIGNED FOR EASE OF USE.
SCAN FUNCTION ADDED TO RADIOS THAT DO NOT SUPPORT IT.
MENUS FOR THE FOLLOWING:
AMATEUR HF—AMATEUR VHF—AMATEUR UHF
AM BROADCAST—FM BROADCAST—TELEVISION BROADCAST
SHORT WAVE BROADCAST
AVIATION HF(SSB)—AVIATION VHF—AVIATION UHF
HIGH SEAS MARINE—VHF MARINE
MISCELLANEOUS HF, VHF, UHF
MOST POPULAR FREQUENCIES ALREADY STORED
ADDITIONAL LIBRARIES AVAILABLE
COMPLETE LOGGING FACILITY
ALL FREQUENCY FILES MAY BE ADDED TO, EDITED OR DELETED
AVAILABLE FOR IBM PC, XT, AT, 80386 256K RAM
1 SERIAL PORT AND 1 FLOPPY MINIMUM
PROGRAM WITH INITIAL LIBRARIES 99.95
RS—232 TO TTL INTERFACE ONLY
NEEDED IF DON'T HAVE MANUFACTURERS
INTERFACE ALLOWS 4 RADIOS 99.95
SPECTRUM ANALYZER MODULE (CALL FOR PRICE)
Authorized dealer Advanced Radio Devices
DATACOM, INT.
8081 W. 21ST. LANE
HIALEAH, FL 33016
AREA CODE (305) 822-6028
195

FLORIDA SKIP STOLEN EQUIPMENT HOTLINE

Please call PARAGON TECHNOLOGIES at (305) 238-7226 or write to P.O. Box 163135 Miami, FL 33116 if you have had amateur radio equipment stolen or know the whereabouts of any of the following:

MAKE	MODEL	TYPE	SERIAL NO
AZDEN	PCS-4000	2 M MOBILE	200540
AZDEN	PCS-4000	2 M MOBILE	202660
BIRD	43	WATT METER	111008
BIRD	43	WATT METER	?
CLEGG	FM/DX	?	FN-662
FLORIDA	CUSTOM TAG	LICENSE PLATE	WB4KSD
FLORIDA	CUST TAG W/CAR	'78 GRAN PRIX	KB4AXD
ICOM	MICRO-2AT	2 M HAND-HELD	2280
ICOM	02-AT	2 M HAND-HELD	34872
ICOM	02-AT	2 M HAND-HELD	44652
ICOM	22-S	2 M MOBILE	?
ICOM	28-H	2 M MOBILE	011534
KANTRONICS	TNC-1	PACKETT TNC	49504
KENWOOD	HT-205AT	2 M HAND-HELD	8011004
KENWOOD	SP-100	SPEAKER	?
KENWOOD	TM-211A	2 M MOBILE	5101179
KENWOOD	TM-2550A	2 M MOBILE	6060616
KENWOOD	TS-140	POWER SUPPLY	710010
KENWOOD	TS-130S	HF TRANSCEIVER	1080306
KENWOOD	MC-34	MICROPHONE	?
KENWOOD	TW-4000	2 M/440 MOBILE	3121204
KENWOOD	TW-4000A	2 M/440 MOBILE	6010852
SANTEC	HT-1200	2 M HAND-HELD	100154
TRIPPLITE	40 AMP	DC SUPPLY	?
YAESU	FT-227R	2 M MOBILE	?

RADIO CLUB OF AMERICA-FLORIDA SECTION MEETING IN ORLANDO, FL

The semi-annual meeting of the Florida Section of The Radio Club of America, Inc. will be held SATURDAY, OCTOBER 22, 1988 at the SHERATON ORLANDO AIRPORT HOTEL, Orlando, FL. A buffet luncheon ($8.00) will be available 11:30 AM to 1:00 PM. The meeting, which will commence at 1:15PM, will also include an open meeting of the Florida Section's Board of Directors and a Technical Session.

Special room rates are $55 (single or double) plus taxes. courtesy Airport shuttle service always is available. Scheduled transportation to Disney World/EPCOT Center and Sea World costs $10 a round trip. Refer to Treasurer David Talley, W2PF, Tel. (305) 868-4131 or Secretary Frank H. Jarvus, N4SJC, Tel. (813) 383-4982 for further information.

5¼" DISKETTES
DOUBLE SIDED/DOUBLE DENSITY
Each Diskette 100% Certified
59¢ each
5¼ Double Sided Double Density MIN. ORDER 100 + $3.40 UPS
or 50 for 65¢ EACH + U.P.S. $2.00
(Includes: Tyvek Sleeves, Labels, Tabs & Hubs)
Check or Money Order
COD add $3.00
Order 250 Units and Ups only is FREE in 50 States & Canada
EXTRA WRITE PROTECT TABS 100 for $1 Prpd.

10 AMP Regulated POWER SUPPLY
• Overload protected
• Pilot light
• On-off switch
• Well filtered
• All metal cabinet, fused
New Low Price
$52.00 Plus UPS

NOW USE BOTH SIDES OF YOUR DISKETTE!
5¼" DISKETTE HOLE PUNCH
NO GUESSWORK WITH DEPTH GUIDE and EDGE GUIDE
NEW LOW PRICE
only $5.00 EACH
add $2.00 EACH shipping
CHECK or MONEY ORDER
AZDEN Service Manuals
PCS 4000 $10.00 EACH
300-3000 $8.00 EACH

NPS N.P.S. Inc.
1138 BOXWOOD RD. JENKINTOWN, PA. 19046
(215)884-6010
A 24 HR. ANSWER'G MACHINE

THE FCC INFO PAGE

BOCA RATON AREA EXAMS

FCC exams are given by the IBM Radio Club at the IBM facility in Boca Raton. Exams are scheduled for the first Friday of the month at 5 PM. Bring a photocopy of your license, positive ID, and $4.55 to cover the testing fee. Contact Pete Brunet, WS4G, during working hours at 982-3855 for more details.

BROWARD COUNTY

CAVEC Examinations by Racal-Milgo in Sunrise twice per month on the FIRST Saturday at 8:45 AM and on the THIRD Thursday at 7:30 PM. No pre-registration required and all forms provided.

ADDRESS: 1601 North Harrison Parkway (NW 136th Ave.), Sunrise.

FEE: $2.00 except Novice, which is free.

BRING WITH YOU: your license (the original), a photocopy of that license, the original of any credit certificates and a piece of photographic ID (Driver's license is OK).

TALK-IN: available on 145.27 and 224.84 repeaters.

FOR FURTHER INFO: call Chip Allen, AK4Y (H) 476-8761 or (W) 476-4763 or call Joe Loewy, KF4FO (H) 434-8211 or (W) 476-4567. From Dade county, during business hours only, 592-8600. Ask for extension 4321 or 4697. Recorded info (24 hours) 476-4444.

CENTRAL FLORIDA — MAITLAND EXAM SCHEDULE

The Central Florida V.E. Program will hold FCC Exam sessions in the Fellowship Hall of the First Presbyterian Church of Maitland, Florida at 9:00 a.m. on the second Saturday of September and November, 1988. These dates are September 10th and November 12th.

These exams will be conducted by CAVEC examiners, and the cost will be $4 for all, except novice tests for which there is no charge. You should bring your original FCC license and a copy of it to attach to the 610 forms which will be available at the test site.

If you have any CSCE's, please bring them as well as a copy of them. We wish you good luck, and if you have any questions please call N4ADI at (407) 644-5905. See you there!

CHARLOTTE COUNTY

FCC exams sponsored by Charlotte Amateur Radio Society (ARRL-VEC) 9 AM Sat. Oct. 22, 1988 at Port Charlotte Christian School, 3279 Sherwood Rd., Pt. Charlotte, FL. Contact Mel Jerkins W4STI 813-629-6276.

ARRL/VEC examinations by Consolidated VE's of Brevard County — Rm Q-22 — Florida Institute of Technology — Melbourne — 10:00 a.m. (check-in 0930) — third Saturday of every month No pre-registration required. Form 610s provided. Bring original and photocopy of current license. Contact person is Victor Lau, N4FUY, (407) 768-0888.

DADE COUNTY

Location: Dade county Emergency Operations Center, 5600 SW 87th Avenue, Miami, Florida 3317.

Examinations start at 9:00 AM.

Saturday, August 13; Saturday, September 10; Saturday, October 8; Saturday, November 12; Saturday, December 10 (Second Saturday of the month).

Walk-in examinations on test available basis. FCC Form 610, photocopy of license, positive ID, $4.55 check payable to ARRL/VEC needed for exam.

Mail FCC Forms and Check to: Jose A. Ramos, WW4W, 6011 SW 11th St., West Miami, FL 33144.

Call for further information: Ron Ball, WN4L, 247-2944 after 6 PM.

DUNEDIN-TAMPA BAY AREA

Due to Labor Day holiday test will be held Sept. 12th. D.A.R.A. V.E. testing team, the first Monday of every month, at 7 p.m. in the Foreign Language Bldg. No. 99, Dunedin High School, 1615 Pinehurst Rd., Dunedin. Please bring original and copy of license, positive identification and $4.55 fee. Talk-in 145.310 or 145.210, 600-. Walk-in accepted. Info from KI4MO, (813) 531-1911, AA4XI, 539-9509 or write DARA, P.O. Box 1851, Dunedin, FL 34697.

FORT MYERS AREA

The 1988 test schedule sponsoed by the Fort Myers ARC (ARRL/VEC) is as follows: September 24, November 19, 1988.

Contact Bob Strathy, WV4F, 5428 brandy Circle SW, Fort Myers, FL 33919 (SASE) or phone (813) 481-4880 for information.

HIALEAH

W5YI FCC exams at 700 East 25th Street, across from Hialeah Hospital on third Saturday at 8:00 p.m. Pre-registration recommended. Contact Francisco Prada/V.E., KP4EDL, P.O. Box 3576, Hialeah, Florida 33013 or phone (305) 829-0602 (7:00 p.m. to 9:00 p.m.). Dates will be September 17th, October 15th, November 19th and December 17th. Fee is $4.55. Check or money orders made payable to Francisco Prada/V.E., KP4EDL.

LAKELAND AREA

The Lakeland Amateur Radio Club will conduct amateur examinations on Saturday, October 29, 1988 at the American Red Cross Building, 1815 Gilmore Avenue, Lakeland, Florida. Examinations will start at 9:30 a.m. ARRL/VEC protocol will be used and candidates must present the original (if any) of their amateur license, a copy of the license and a check, made out to ARRL/VEC, in the amount of $4.55.

Walk-ins will be accepted but prior registration will be appreciated with Charlie Zottu, WB4NSQ, 405 Oppitz Lane, Lakeland, Florida 33803, (813) 688-4033. WB4NSQ will supply FCC Form 610 for SASE.

MARION COUNTY

W5YI Testing — Novice through Extra, every second Monday, at 7:00 PM. Marion County Government Complex at the corner of SE Ft. King Ave., and SE 25th Ave. Talk-in on the 146.61, K4GSO Repeater; Silver Springs Radio Club, Ocala, Florida. Contact Jim Brenner, NT4B, 237-5783; or Walt Morris, K4ELK, 245-7254.

MELBOURNE EXAM DATES

Here are the exam dates for the last half of 1988. Exams are held on the third Saturday of every month at Florida Institute of Technology in Melbourne. Exams start at 10:00 a.m. and are usually over by 1:00 p.m. Walk-ins are welcome.

For more information, contact Victor Lau, N4FUY, at Florida Institute of Technology Amateur Radio Society, (407) 768-8000 x 8149.

Melbourne exam dates — July to December, 1988: July 16th, August 20th, September 17th, October 15th, November 19th and December 17th.

NORTHWEST FLORIDA EXAMS — CRESTVIEW

FCC Exams are given the second Saturday of each third month, (i.e., February, May, August and November) at 9:00 a.m., local, at the Council on Aging Building, 298 South Wilson Street, Crestview, Florida. Fees $4. Walk-ins welcome. Free coffee, FCC 610's on hand. Plenty of rag-chewing. Talk-in on 147.36, WB4CDR/RPT. Bring copy of license and identification with picture (e.g., drivers license).

For more information contact WB4ORK/CVE, Route 1, Box 189, Crestview, Florida 32536.

OCALA / CENTRAL FLORIDA

W5YI Exams are held each month on the last Thur 7:30 PM at the St. Patrick's Episcopal Church, 2802, NE 7th Street, Ocala, FL. All examns are on a walk-in basis. Fee is $4.35. Novice tests free. Talk-in is available on 145.130 (TX-600) or contact Jerry, K4UBR 629-6049 or Terry, N4NWN 351-0489. December test will be on December 19 at 10 AM.

PALM BEACH AMATEUR RADIO COUNCIL, INC. and PALM BEACH JUNIOR COLLEGE AMATEUR RADIO CLUB

P.O. BOX 6834. West Palm Beach, FL 33405

The Palm Beach Amateur Radio Council, Inc., is giving Amateur Radio License Tests on each 3rd Saturday of each month, at Palm Beach Junior College, 4200 Congress Avenue, Lake Worth, Florida, Room — Criminal Justice 101, at 9:00 A.M. The tests are given under the ARRL-VEC and curently cost $4.55. Walk-ins permitted on as long as we have test materials available. Pre-registration strongly advised, except for code testing.

PANAMA CITY, FL.

Test date and time — October 15, 1988; 10:00 CST. 9:30 AM for all walk-in.

Test site — Civil Defense Building, Main Conference Room, 644 Mulberry Ave., Panama City, FL. No cash — make checks payable to ARRL/VEC; no charge for Novice; all other classes will be $4.55.

Contact — Jerry Luallen, 1320 Buena Vista, Lot 45, Panama City, FL 32401. Phone: 904-785-4370. Talk-in on 146.94.

TAMPA TESTING

The second Saturday of each month, Tampa Amateur Radio Club Clubhouse, Columbia Drive (Davis Island), Tampa, Florida (next to the Coast Guard Station), 1:00 p.m. Bring a copy of your license and $4.55 cash (novice exams free) along with two I.D.'s. Non-programmable calculators permitted. Contact Jud, AB4EC at (813) 884-8218 for reservations (recommended).

VENICE FCC EXAMS

FCC exams are given for all classes of Amateur Radio licenses on the second Saturday of each month at 9:00 a.m. at the Venice Public Library, 300 South Nokomis Ave., Venice, FL.

Bring a completed FCC Form 610 (Forms will be available at test site), your driver's license or a legal photo I.D., a photo copy of your present license (to be attached to Form 610), the ORIGINAL of your present license (this will be returned to you). Test fee is $4.00 ($4.55 if under ARRL/VEC). No fee is required for Novice exam.

For further information contact Don Fontaine, N4ET, 252 Cocoa Lane, Venice, FL 34293. Tel.: (813) 497-4014.

WEST PALM COUNTY

The Palm Beach Amateur Radio Council, Inc., is giving amateur license tests on each third Saturday of each month (except October of 1988), at Palm Beach Community (Junior) College, 4200 Congress Avenue, Lake Worth, Florida, Room Criminal Justice 101, at 9:00 a.m. The tests are given under the ARRL-VEC and currently cost $4.55. Walk-ins permitted in as long as we have test materials available. Pre-registration strongly advised, except for code testing. Next tests for 1988 will be on September 17th, November 19th and December 17th. The October tests will be given on October 15th and 16th at 9:00 a.m., at South Florida Fair Grounds, PBRA Hamfest, 9067 Southern Boulevard (State Road 80), West Palm Beach, Florida.

WEST PASCO COUNTY

The Gulf Coast Amateur Radio Club is sponsoring ARRL/VEC exam sessions, Novice through Extra, on the first Tuesday of each month at 6:30 PM. Location is Adult Education Center, 1510 South Boulevard, New Port Richey. Walk-ins accepted on a materials available basis. Pre-registration strongly advised. Bring (1) original and photocopy of current amateur radio license, (2) Positive ID, (3) check for $4.55 payable to ARRL/VEC (no fee for Novice exam). (4) original and photoopy of any CSCE for code or written elements. Form 610 will be furnished. Talk-in on 146.67 (Tx-600).

Contacts for the October 4th session are Fred AA4FG 813-849-1224 and Ralph W2GLW 813-842-8351.

SKIP ON TAPE FOR SIGHTLESS

This NOTICE is to advise all concerned that according to Ms. Desaree Stewart of the Library for the Blind, P.O. Box 2299, Daytona Beach, FL 32015 Phone 1-800-342-5627 that FLORIDA SKIP is put on tape each month. These tapes are offered for the asking with postage paid both ways. Miss Stewart advised that when SKIP closed down while Ye Editor was sick, all SKIP addresses were removed from the computers and now a new list will have to be built up again. So if you know of anyone (sightless) who would like to be put on this list, write or call and give them your mailing address as soon as possible.

This is a wonderful service they are doing and we sincerely thank them.

Editor

HURRICANE SEASON

For it's members, FLORIDA SKIP is offering FREE an official U.S. Department of Commerce (NOAA) Marine Weather Service Map printed on heavy white paper. This is not a hurricane plotting map. It shows all the NOAA Weather Stations in Florida with call signs and assigned frequencies.

This map is labeled MSC-5 Savannah, GA to Apalachicola, Florida, south. As mentioned, this map is FREE provided only if you send a number 10 (10 inches across) envelope with your name and address printed on it, plus a 25¢ stamp afixed. Without this — NO MAP. Send SASE to: Weather Map, Florida Skip, P.O. Box 501, Miami Springs, FL 33266.

N&G . . . MIAMI'S LEADING DISCOUNT DEALER
WHOLESALE PRICES TO ALL . . .

Just minutes from Miami's International Airport.

one stop shopping electronic dept. store . . . ***We ship anywhere in the world.***

N&G Electronics
Counter Intelligence & Communications
1950 N.W. 94th Ave.
Miami, Fla. 33172

- Counter Intelligence equipment
- Night vision equipment
- Aircraft
- Marine
- Amateur
- Commercial
- Money counters

- ARRL
- AVANTI
- BEARCAT
- BENCHER
- BIRD
- BRANDT
- CUBIC
- CALL BOOK
- COBRA
- CONNECT SYSTEM
- DURACELL
- DAIWA
- ENCOMM
- E.T.O. ALPHA
- FIRESTICK
- GLORY
- HENRY TEMPO
- HAL
- HUSTLER
- ICOM
- KENWOOD
- LARSEN
- LITTON
- MFJ
- MINI PRODUCTS
- MIRAGE
- NARCO
- NYE VIKING
- PALOMAR
- R.F. PRODUCTS
- ROHN
- RESEARCH ELECTRONICS
- SANTEC
- SHURE
- SPECTRUM
- TELREX
- TELEX HYGAIN
- TERRA
- TRIPP LITE
- UNIDEN
- VAN GORDEN
- WACOM
- YAESU

Dade (305) 592-9685

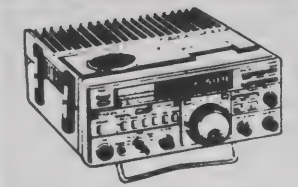
Broward (305) 763-8170

Telex 9102401958 ● Answer Back NG DIST UG

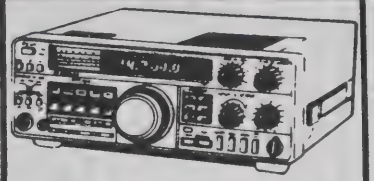
Open 9-6 Mon.-Fri. Sat. 9-5

We'll be open 24 hrs. a day for our South American customers upon request.

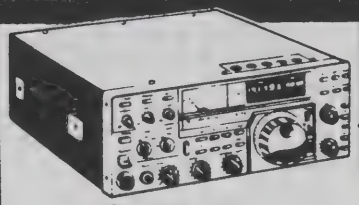
Absolutely no tuning with a MAXCOM system. Simply connect, dial your frequency and talk . . . That's it, just TALK..



YAESU FT-757GX
all model transceiver



KENWOOD TS-440S
HF transceiver



1COM 1C-751
the new standard of comparison

HUSTLER

HUSTLER
amateur antenna products from 3 to 900 MHZ CB, Amateur, or Business-band.

'Serving South America and The Caribbean Since 1956''

NOSOTROS LE ENTREGAMOS SU ORDEN A cualquier **EXPORTADOR, EMBARCADOR,** o al **Aeropuerto Internacional de Miami GRATIS!** . . . Llámenos desde cualquier parte del mundo y le preparemos su **ENVIO a SU PAIS.**

FLORIDA STATE Q.C.W.A. NEWS
Edited by Eli Nannis, K4JMH

FLORIDA STATE QCWA NEWS

President Leland Smith W5KL has spent ten years of devoted service on the Board of Directors and he has decided not to run for office again. He has done a marvelous job for QCWA. He has attended countless chapter meetings all over the country and he attended many meetings in the Florida area. So if I may speak for all QCWA members in Florida, Thanks Leland for a job well done and I have no doubt that you will still be involved in QCWA activities. Chapter activities in Florida should be starting up soon after a very hot summer and our nothern members who also suffered through a hot summer will be arriving soon.

Edited by Eli Nannis K4JMH

SOUTHEAST CHAPTER

23 members and 2 guests attended the regular monthly chapter meeting on Sat. Aug. 20th at Denny's on NW 36th St. The 2 guests were Ed Roberts W4HKY, retired ARINC tech and former PAA flight Radio Opr. and Fred Coates, PY8ZLC also a former PAA FRO and retired and living in Mosqueiro near Belem Brazil. Ralph Cash W4DOX presented an extremely interesting moving picture of his service at Thule AFB in Greenland covering a 2 year period 1971 to 1972. Ralph was a communications tech with ITT and was involved in providing long haul tropo, HF, and submarine and cable communication services for the air force. After viewing some of the icy winter conditions Ralph worked under, I can understand why he settled in sunny Florida. Our chapter 12 invites all hams to join us for lunch and participation in our 50/50 cash drawing on the 3rd Saturday of each month at Denny's. The chicken fried steak special is real good.

Reported by Sid Wolfeld KJ4AS

PELICAN CHAPTER

The first meeting of the season for our chapter will be held at the Econo Lodge in St. Pete on Wednesday, September 21. All summer, we have been meeting for breakfast the first Wednesday of each month with about 15 to 20 members and XYL's attending. We lost one of our charter members this summer. Roy Stibbs K4FRG. Just about 4 weeks after Roy's death, his XYL wife Eleanor also died. Our chapter lost 2 good friends. A member William Wiand N3WW holds the distinction of having his initials in his call letters. Bill is also an outstanding CW operator and he was among the leaders on the scoring list in the CW portion of this years QCWA QSO party. In phone portion Jim Keyes K4FCW did very well. Moving into the top 40.

Reported by Don Bice W4PCO

CENTRAL FLORIDA CHAPTER

The Saturday chapter net on 7243KHz has been moved from 10AM to 9AM. Please tune up or down from 7243KHz to locate the net. Kudos to W4PBL for arranging the trip to Opryland. Everyone had a great time. W4SVB celebrated his birthday while there and it was publicized on Grand Ole Opry. W4OFT is back on the air with a new antenna farm after losing his tower and beams to a twister. W4YRK now has a big signal with a new linear amplifier. VE3BFJ is back from Ontario while VE3BIS remains until Nov. W4LHP and VE3BFJ attended the the County Hunters National Convention in Indianapolis. K8RIF's new beam in Ashtabula, Ohio packs a big signal into Lakeland. Nice set-up for a summer vacation. Congratulations to W1PB on getting the extra class license. WT4F sports a new TS-440 to back up his 430. N4LBG checked out the new hotels in the disney World area. Ask N4MCW about grounding out his vertical antenna. W2TFS is in his nice new QTH but we don't hear him on the air. Our monthly meetings are on the 3rd Saturday at the Sirloin Family Steakhouse, 3015 US Hwy 98N, Lakeland.

Reported by Jim Gundry W4JM

Here is a rare photo: Former President of the Gator QCWA Chapter: No. 32.... L to R: Hal Bates, W4OIN; Harold Gregsly AA4MF; Harry Cole, W4DLL; Hal Rice, W4FOM and Russ Chappell K4HI (S/K): Photo via K4JMH.

KNIGHTS OF THE KILOCYCLE
3910kHz, Sundays, 1130Z — 7:30 A.M. E.T.

With vacations about over and propagation improving more signals should be heard from farther out. We invite hams in all of the SE to call into our net... and to join up as a regular member. The Knights is the longest running net that we know about. Your participation will keep it rolling!

Ye editor of this column has had another experience of a ham becoming a Silent Key and the attendant problem of resolving the disposition of his ham gear. Please! Make a list of your equipment, put down how it should be disposed of and include an estimated value. If you have in mind to will equipment to a club, individual, etc. be sure and specify.

Hamfest season is here. Those of us that attend them should put on identification that we are Knights so we can get together for a chat. Perhaps, like QCWA and others, we might, in time, have a registration table at these events. What do you think? Let me know on the air or by mail.

Don't forget to do all you can, in your area, to support the cause of ham radio. Become a volunteer examiner and get involved with youth and senior citizen groups to recruit new blood. An active ham is a happy ham!

25 Years a Ham?

QCWA

QUARTER CENTURY WIRELESS ASS'N, Inc.

- Preserves and promotes Amateur Radio
- Awards & recognition for members
- Over 160 local chapters
- CW and SSB nets • QSO parties
- Over $4,000.00 awarded annually in youth scholarships

You owe yourself the privilege of QCWA affiliation

40th Anniversary

Quarter Century Wireless Assoc.
1409 Cooper Dr. • Irving, TX 75061

HAROLD HEASTER, INC.

announces

NEW AMATEUR RADIO SALES & SERVICE

SALES

Kenwood • Icom • Tokyo Hy-Power

Super Batteries • Larsen Antennas • Accessories

SERVICE

Genuine Kenwood & Icom • Factory Service & Parts

HAROLD HEASTER, INC.

84 North Tymber Creek Road
P. O. Box 2786
Ormond Beach, Florida 32074

HAROLD, KE8MR

Nationwide Toll Free

1-800-847-2346 1-800-84-RADIO

(904) 672-2878 In Florida

10:00 A.M. to 4:00 P.M. MONDAY - WEDNESDAY - FRIDAY

RATE CARD INFO. HAMBAR service of electronic equipment ONLY is available to all subscribers, amateurs and non-amateur at the rate of 10cents per word, which includes address, call sign, etc. Minimum charge for any HAMBAR is $3.00. All commercial and non-subscribers rate is 15 cents per word. Minimum charge of $5.00 for each HAMBAR. No reruns. Each HAMBAR must be resubmitted each month. No ad will be published unless accompanied by full remittance! We require all HAMBAR ads contain the full mailing address, call sign and the ZIP, Area-phone number, if any. Make it EASY for person wanting to buy YOUR equipment. No HAMBARS via telephone! COMMERCIAL DISPLAY. Full Page $120.00. Half Page $75.00, 1/4 Page $55.00 and 1/8 Page $36.00. CAMERA READY. Lay-out, make-up, typeset fee is extra according to size of ad and typset required for same. DEADLINE for all Hambars and ads, 8th of each month in P.O. Box 501, Miami Springs, FL 33266. Normal mailing date 25th of each month. Thank you for your cooperation. Editor.

FOR SALE: High-Gain 10/15 Yagi with Balun $125. All new and in box. NEC portable computer, good for word processing or packet $225. Need good General coverage receiver for RTTY reception. Floyd Larck KK4O, 5841 Elon Dr. Orlando, FL 83202 407 299-6499.

SELL: MFJ antenna tuner, mod. 949C. Two of them $90. each. Essentially new. Heathkit code oscillator and key $15. SWR-wattmeter model 816, MFJ new $20. W. H. Ferguson, W4DSR, 2351 Inagua Way, Winter Park, FL 32792 407 425-6045.

SELL YOUR HAMMER AND BUY A HORN. STOP YOUR KNOCKING AND SO SOME BLOWING... TKS W4ELR.... ..

SELL: FIRST CLASS mode B OSCAR station. Unusual ant. system. Going to another mode. George Reaves KB4WL, 206 Roper Dr., Winter Garden, FL 32787 407 656-4264.

NEED TUBES? ? ? Have huge inventory. Call evenings for price quotes. I also buy tubes. Dick Gross N1BGL, 3089 Deltona Blvd., Spring Hill, FL 34606 904 688-2374.

SELL KENWOOD TS-520 with c.w. filters. Very nice $ 300. Kenwood SP 820 speaker W/filters $45. Telex-Hy—Gain CD-45II rotator system, new still in box $150. Heathkit HM2140 dual watt meter $30. Heathkit HD1515 phone patch kit in box $25. Bruce Britt N4NGP, 4659 S. Dossey Rd. Lakeland, FL 33811 813-646-3120.

ALPHA 77-A (new 8877) $1800.00 Heath Linear SB-200 $300. Kenwood R-1000 receiver, original packing - box $250. 8 new filter CAPS for SB-220 $35. MFJ small ant. tuner No. 943 $30. All plus UPS! Wil Holt Kd4QJ, 5524 Wanta Pl. Sarasota, FL 34231 813-922-7482.

HE WHO AIMS AT NOTHING HAS A VERY GOOD CHANCE OF HITTING IT.... tks W4ELR .... ..

COMMERICAL antenna: Broad band gain commercial 4--bay antenna by DB PRODUCTS, of Dallas, Tx. . Mod. DB-224, 9dB 155 -172 MHz, circlar pattern, new condition, never put up. Sells for over $286. FOB Tx, asking $150. Can supply company dope sheet for SASE. No ship, pick up only. TOWER: E-Z Way RBX-50 very heavy duty with ground pos, cables, galvanized $500. Ready to haul. 2 meter base 5/8th Wave ground plane vertical. $12. Andy Clark W4IYT, 41 Lenape Dr. Miami Springs FL 33166 305 888-3874.

SALE: YAESU FT-708R 440 handheld, charger, SB-1 PTT switch, Headset, leather case, manual, First $195. Also ICOM mobile mike IC-HM10 never used $30. . Jim K8HEY, 2565 N. Atlantic Ave., Daytona Beach, FL 32018 904 67?-6856.

FOR SALE OR TRADE: DRAKE TR4 with matching speaker also power supply, ac-dc dc-dc $175. CASH. U Pick-up. George M. Basher 6989 Ash Dr., Cocoa, FL 32927 407-636-6319.

WANTED: TA-33Jr with 40 meter mod or Cushcraft A3 with 40 mtr kit. Tom Pierson WA4BTD, 617 SE 12 St., Belle Glade, FL 33430 407 996-3160.

FOR SALE: Heavy duty standard 19 inch racks on casters; 5[ft. high - $130., 7 ft. high $140. Box fans: 110 V and 220 VAC $6. new. $4. used. 20 to 40 conductor ribbon cable with connectors .25 cents per foot. Jerry Kranz, 1195 NW 128St., Miami, FL 33168 305 681-2582.

HE WHO AIMS AT NOTHING HAS A VERY GOOD CHANCE OF HITTING IT... W4ELR

KENWOOD TS830S manual. Covers TS830S, M, SP-230 VFO AT-230 and DS-2 units. $15.00 post paid. Andy Clark, W4IYT 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

SELL: MFJ-1278 TNC works packet, AMTOR weatherfax, SSTV, code, RTTY, etc. Brand new unit never used includes manuals, cables and software. Will pay shipping $180. Bob Abend KC4ZO, 1265 Palmdale Cir. Palm Bay, FL 32905 407-723-7774.

FOR SALE: Clegg Venus 6 meter Xcvr with power supply $140. Microwave module 432-435628 $150. 058 A/U Navy Scope $30. Heath TV Alignment Gen. ICOM 57A $35. Heath Scope OP-1 trigger Sweep $30. Ship UPS- you pax. John Lyster KM4CB, 7562 SW 204 Ct., Dunnellon, FL 32630 904-489-0605.

FOR SALE: PK-64, long cable. Bruce Wilcox N9BQK, P.O. Box 1083, Zolfo Springs, FL 32890 813-735-1964.

HANDY TALKIE 2 meters. Yeasu FT-208R w/drop-in charger $175. OBO. Wilson MKIV w/drop-in charger and TTP $125.00 OBO. Bill Laakkonen N4BKT, 3027 SE Iris St. Stuart, FL 34997 407-546-2451.

SELL: Kenwood TS-440SW/filters, manual, ext. speaker, mike. Factory fresh in box $900. FIRM! Collins 30L1 Amplifier $500. Jay Buford N4NHX, 7510 Harbour Blvd., Miramar, FL 33023 305 987-7164.

FOR SALE: Tower E-Z Way RBX-50 crank-up, tilt-over with ground post and rotor head. Galvanized extra heavy duty. Ready to go. You pick up. $500. OBO. WANTED: Paddle key, low pass filter, coax switch. Dick Keller KF4NS, 1700 52nd Ave. N. St. Petersburg, FL 33714 813 527-1331.

FOR SALE: 5 yr old hvy duty 45 ft. Wilson Tower with Ground Post and rotator. Self supporrting. Tilts over and telescopes. In very good condition $450. Walt Zmetronak W2MHL, 13680 Columbine Ave., Wellington, West Palm Beach, FL 33414.

CUSHCRAFT 4 element 10-15-20 beam, like new $150. Also Sharp c.w. filter for Yaesu 10 -10. M. L. Peters W4WDQ, 1219 -12 ave Holiday, FL 34690 813 937-5588.

SELL: U.S. TOWER MOB-40 freestanding tower base, 3 months old, $250. or best offer. Excellent condition. Scott Cronin WS4E, 730 N. Crescent Dr., Hollywood Hills, FL 33021 305 985-9786.

RTTY AT LOW COST : EASY. Package deal included Texas Instrument TI-99/4a computer, AEA-CP1 patch interface. Kantronics Hamsoft software, Heath model HP-10 scope, GE tape recorder, instructions. $155. or best offer. Fred Cherepow, K4JRY, 1460 Firestone Cir., Orlando, FL 32826 407-282-3507.

SELL: ICOM IC-M12, 12 chnl Marine hand held, rubber duck (BNC) antenna. Sells now new for $475. Asking $195. ICOM IC-PA, power supply/speaker, like new in box $65.00. CDR AR-22 rotor and control box about about 50 feet control cable $75. all plus UPS. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

A FRIEND IS ONE WHO IS A SOURCE OF SUNSHINE WHEN YOU ARE UNDER THE WEATHER.... via W4ZZG.

SELL: DRAKE T4XB, R4B, MS4, AC4. very clean, new finals $300. SP-75 $40. EV-664 $30. AMP supply LA-1000 $300. COMM Spec TR-720 airband Handi 118-136 MHz, spkr mic, chgr 800 MAh batt $290. KLM 2M-22C+ 435-40CX Sat. ants $120. Ants. P/U only. Dave Rosso WB4APM, 4120 - 121 Terr. N., Royal Palm Beach, FL 33411 407 790-4795.

FOR SALE: KENWOOD TR 7800 2 meter transceiver complete with manual, all mounting hardware, clip on antenna and up-down microphone. Unit is now in operation and is in good condition. Wm. Abrahams, K4HBR, 1600 on Ocean Dr., Hollywood, FL 33019 305 920-8580 price $250.00

WANTED RADIO TELETYPE OPERATORS for Florida National Guard. The 227 Field Artillery Brigade Headquarters is moving from Miami, FL to Brandon, FL. and needs radio teletype operators. Operators must be able to qualify for a secret clearance. Contact: SFC Horn Corporte Sq., 7402 North 56th St. Bldg 200 Temple Terrace, FL 33617 813 980-6274.

FOR SALE: ESTATE W5DZF, Scotty. Four pages of items, beams, towers, amps, TS820 and accesories. Send SASE No. 10 Tom Mannix WA4YLD, P. O. Box 6296, Hollywood, FL 33081 305 961-4842.

FOR SALE: Kenwood 21AT Tiny 2 meter handee talkee with soft case, belt clip, charger, antenna, extra BP-21 battery, manual in original carton, like new $148. Shipping included. Money order or certified check only. George McKinley W4OSI, 1421 SW 25 Ave., Deerfield Beach, FL 33442 305 428-5502.

SELL: KENWOOD R-5000 communications receiver, matches TS-440S "top of the line", absolutely mint, low hours, $649. Kenwood TS-130S HF transceiver, w/CW filter, mike, mobile bracket, service manual, excellent $495. Dentron Jr. Monitor 300W antenna tuner, $45. Bob Needleman KD4ZN, 900 N.E. 195 195 St. No. 417, North Miami Beach, FL 33179 305 -654-1156 evenings.

SALE: DRAKE TR-7 with DR-7, AUX-7, NB-7, FA-7, filters 1.8, .500 and .250 kHz. 7077 desk mike RV-7, MS-7, SP-7 SP-75 Spch Proc., LA-7. MMK-7 Mob mtg kit, PS-7 with AF-7 with Opr and Service manuals. $1150. Dovetron MPC-1000-R commercial grade RTTY T.U. with manual and Apple interface card - $500. Kenwood TS-700-SP all mode ac/dc) with remote VFO-700S. opr and service manuals. $450. Kenwood MC-50 mike $30. Heath HD-15 phone patch $20. Autec QF-1 $35. HAL KBD-2010 RTTY-CW keyboard with manual $50. OBO. Mac McKinley WB4PWC, 1422 S. Wash. BL.NW, Lake Placid, FL 813-465-5370.

SALE MIKES: Shure Electro-Voice mod. 638, chromed, 150 Ohms impedance, Shure PTT stand, 5 ft cord $25. ASTITIC D-104, stand with 5 ft cord & cover $22. VACO xtal mike mod. CM-58, stand & cord $10. CALRAD xtal mike mod. CM-58 chrome stand & cord $10. Motorla mod. TM-N 6017A, Gray PTT stand & cord $15. Motorola mobile mike mod. NMN-6006A, 600 ohms with balack spring cord $12.. All plus UPS. Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, FL 33166 305 888-3874.

A FRIEND IS ONE TO WHOM DISTANCE IS NO BARRIER TO COMMUNICATION, CONCERN, OR CARING. . . .

KENWOOD 530S in exccellent condition with 3 range power SWR, tester, extra mic and many coax fitting and cables. All manuals. Bargain price $250. for all. E. Mac Dougall 917 Northbrook Dr., Ormond Beach, FL 32074 904 673-3046.

A FRIEND IS ONE WHOSE THOUGHTFULNESS IS EXCEEDED ONLY BY HIS CONCERN---WHOSE HELPFULNESS IS SECOND ONLY TO HIS AWARENESS. . . .via W4ZZG. . .

BUYING VACUUM TUBES... Components, clean out your old closets. Shelves, storerooms also buying Collins gear. Send me your inventories. Milt Levy W5QJT, 2833 Junction Hwy No. 15, River Front Village, Kerrville, TX 78028 512-367-4741.

TOWER: 54 foot Hy-Gain Heavy Duty free standing crank-up can be folded over $950. George Dawson WA4OWC 1208 Imperial Dr., Stuart, FL 34990 407-597-2978.

GENERAL COVERAGE RECEIVER. Hallicrafters SX-110,Plus amateur band spread. Look.new, so help me! Works the same. With Matching speaker . Listen to the world! $100. Plus UPS. Come listen to it! Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, FL 33166 888-3874 (305)

WANTED: Any MIAMI C.W. Operator that copy 20 - 25 WPM. WE need you on our All Florida CW Traffic Net "QFN" . We will teach you the procedure. Any night at 7 or 10 PM. on 3651. Come on Miami where are you??? QFN Mgr.

FOR SALE: YEASU FT-620B - 6 meter SSB, CW, AM with manual and 3 element beam. No shipping. John E. Iles W4OZT, 9523 Chris St., Hudson, FL 34669 813 868-8450.

WANTED: SWAN 117XC power supply or power transformer. H E L P ! ! Ken Cox W4FXE, 17020 SE 19th Ct. Summerfield FL 32691.

CLEANING OUT'''Nation receivers HRO-50 $75. Model 57 $20. Hammarlund HQ-170 $75. Navy RCA AN/SRR 13A receiver $25. Zenith TransOceanic portables, Royal 3000 $25. Mod. H-500 $25. Hallicrafters S-40A $30. Portable TW-2000 $20. Eico Sweep Generators 369 & 368 $10. each. Scopes 3' Eico Heath $25. each. $100. off total if take all. Pick-up. Sam Humphreys WD4MHD, 929 Westwind Dr. North Palm Beach, FL 33408 407 626-0821.

IT IS SELDOM THE DIFFICULTY THAT DEFEATS US, BUT THE LACK OF CONFIDENCE IN OURSELVES...via W4ELR....

SELL: SWAN 350 mint condition $200. Daniel Princz YV5ZH 11835 Coral Way, Miami FL 33165 305 226-8099 or home 305 305 271-0217.

SELL: ROBERTS AM/FM/TV multi-band portable radio AC/DC receive all VHF TV channels, audio only. Provisions for remote speaker. $25. plus 2.50 UPS. Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, FL 33166 305 888-3874.

WANTED: Standard open 19 inch rack 24-36 inches high.HELP! Bill Roig WB4ZZI, 8081 West 21st Lane, Hialeah, FL 33016 305 822-6028.

WANTED; Drake phone patch for TR5 or TR7. Andy Clark W4-IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

A FRIEND IS ONE WHO STRENGTHENS YOU WITH HIS PRAYERS, VLESSES YOU WITH HIS LOVE, AND ENCOURAGES YOU WITH HIS HOPE. . . . via W4ZZG.

WANTED: DRAKE TR4 transceiver. Vertical antenna, 75, 40, 20, 15 bands. Hallicrafters HT-37 transmitter. Dan Savilla, WA4EGS, route 1 Box 231E, Interlacken, FL 32048 904 - 684-2307.

SELL TUBES: 2 - 6LQ6/6JE6C RCA new in box $10. each 2 - 4146's G.E. new in box $9. each. 4146's used, good $5. each. 2 - Amperex 6146 new box $10. each EIMAC-4-1000A in box (?) $75. 1 811 good in box $10. All pick-up or plus packing and UPS. Andy Clark W4IYT. 41 Lenape Drive Miami Springs, FL 33166 305 888-3874.

COLLINS MANUALS. All original ! ! 312B & B5 Station Control, KWM-2 & 2A, &2A, 62S1 VHF Converter, 32S3, 30L1, $10. each. 136B2 Blanker, 51S1/1B, 75S3B/3C, 75S3/3A, 32S1, , 709E-1, 30S1, , ~~KWM-1, KWS-1,~~ 70E1-15, 516F2, $15. each. Add $2. for packing and postage. Also have about 3 other receiver/xmtr manuals. See July/aug. Hambars for listing. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

MANUALS FOR SALE: Johnson Viking Valiant Xmtr, Heath DX-100 xmtr, National NC-240 rcvr, Glading 25 2M. transceiver, 224A and 224 serive and calibration manuals. $7.00 each. RCA General purpose comms rcvr AR-77, AR-77E, MI-8302, D, E. F. and G. $10. each IC-22a 2 meter transceiver $10. Collins Radio fundanmentals of SSB with schamitcs $12. Mod. 180 wire recorder $15. Hq, 129X rcvr, Lafayette HA-800B rcvr $8. each. National HRO - 5 series rcvrs $10. Tekfax 109 vol 9 TV schemataics 21 manufactures, covers 100s of chasses $12. Tech. Info TS-820 by Kenwood $8. Hallicrafters HT-33A linear power amp $9. RME-VHF 152A operating & service manual $10. Hallicrafters SR-200 Xcvr, Svc instructions $12. Johnson Viking VFO $8. National RAS-5 rcvr $8. All plus postage and handling. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

New Aluma Towers, crank up, mobile van, trailor or stack sections. Will take anything in on trade this mont that will not eat! Uninterruptible brown-outs, over voltage, over loads, surges, spikes, EMI/RFI noise, Synchronized switching, 120 VAC and 230 VAC models with alarm. 250 watts to 1600 watts. Spider antenna 10-15-20-40-75 meters. McClaran Sales, Ince. P.O. Box 2513, Vero Beach, FL 32961 407-562-8224.

From front page

Since I could not transmit, I just sat there listening to W5UN calling me. Then I got the idea to disconnect the TS-430 with receive converter and connect the IC-271H 2-meter transceiver to see which was better. Reception on the IC-271H appeared to be the same so now I could eliminate an antenna switch. Later that evening, I even cut about 25 feet off my feedline to hopefully reduce losses. Unfortunately, the preamp I brought with me malfunctioned.

Tuesday morning, when the stores were open, I got a good buy on a 20 amp 12 volt DC supply, thanks to a tip from T12KD. When I got on the air, the moon was almost straight up and I could not elevate that high. My SWR was flat and I was ready. If only the moon would cooperate! But since it didn't, I spent the afternoon working pileups on 15 and 20.

On August 18, 1988, at 0208 UTC, the first 2 meter EME QSO out of Costa Rica was completed with W5UN. On August 27, at 1002 UTC, a second QSO was completed. On the same date at 1058 UTC, the first Costa Rica to Canada 2-meter EME QSO was completed with VE7BQH. Later the same morning, a "random" QSO was completed with W5UN. Also heard were KB8RQ and WB5LBT. Three factors were in our favor that date: (1) the moon was at perigee, (2) the background sky noise was low, and (3) both ends of the path were in darkness.

Another first: On August 26, 1988, at 1307 UTC, the first 2-meter scatter QSO between Costa Rica and the USA was completed between T12BEV and WB4MJE in the Florida Keys. Rene's 144.150 SSB signal was S9+ at times!

So now T12BEV has five "firsts" from Costa Rica: (1) First 2 meter international QSO from atop Poas Volcano with Nicaragua in 1974, (2) Donated the first 2 meter repeater (along with K4IA) to the Radio Club de Costa Rica in 1975, (3) First 2 meter EME QSO ever with W5UN in 1988, (4) First T1/VE 2 meter EME QSO with VE7BQH in 1988, and (5) First T1/W meter scatter QSO with WB4MJE in 1988.

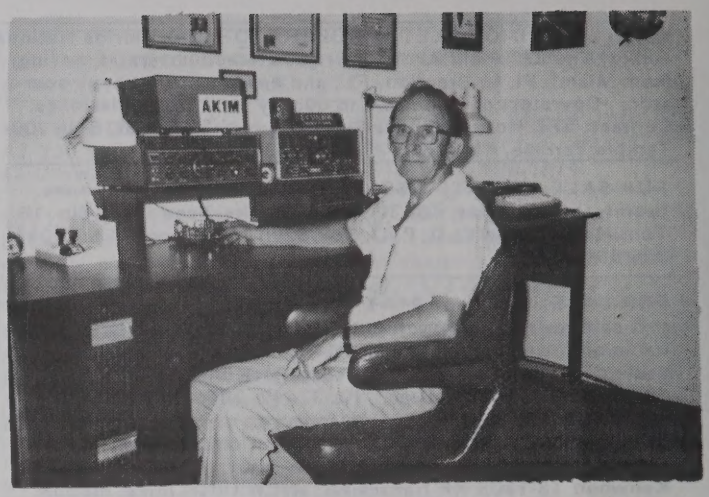
The antenna and all equipment were left in Costa Rica. The next time I go there, I plan to get around customs with a KW amplifier and more antennas. Anyone for a sked?

FCC TO REALLOCATE 220-222 MHZ

Amateur Radio Operators apparently have lost the use of 40% of the 220-225 MHz. band. On Aug. 4th, the Commission voted to reallocate the 220-222MHz segment to the land mobile service. The effective date is expected to be late 1989.

At this point, FCC has not designated UPS as the beneficiary although that organization does qualify as a user in the land mobile service and is expected to make application soon. It was their late comments which seemed to steamroll the clamor for a reassignment from the Amateur Radio Service. UPS is expected to establish an automatic package routing data system on the former ham frequencies. ARRL has indicated it will appeal the ruling but odds for a reversal are low. It is unclear whether the League will boycott UPS when the "new" frequencies are put to use by that organization.

From Balanced Modulator — NOFARS



AK1M, Elton V. "EL" Stoleberg. Retired 1977 from position of Engineer in Charge, FCC Belfast Monitoring Station after 30 years. He Supervised construction of the Belfast Monitoring station in 1970. First Licensed in 1940. Held W9, W0, W7, K4, KL7, W8 and W1 calls. Govt cert. 50 wpm. Life member ARRL, QCWA and SOWP. First Pres. at Spring Hill Amateur Radio Club 1985. Main interests past 48 years, cw exclusively and build his own gear, including two 2 meter repeaters and a 2 meter duplexer, recently. Nice going "EL".

NOAA W.X. BROADCASTS

For the past three months **Florida Skip** has been sending out dozens of free Marine W.X. SVC Charts for a SASE. We still have a good supply left. Send your SASE (self-addressed stamped envelope, 25¢) to W.X. MAP, Florida Skip, P.O. Box 501, Miami Springs, FL 33266.

One interesting thing on the MSC-5 map shows all NOAA continous local W.X. Broadcast Stations with frequencies, call signs and antenna elevation MSL.

They use the following frequencies: 162.550, 162.475 and 162.400 only scattered through Florida in major cities.

TEMPORARY THIRD-PARTY AGREEMENT WITH KOREA

The FCC received information that the Government of the Republic of Korea has authorized Amateur Radio station 6K24SO to exchange third-party messages for athletes and members of the US Olympic team with amateur stations in the United States during the period beginning 0001 UTC September 1, 1988 and ending 2400 UTC October 5, 1988.

Accordingly, the FCC has no objections to amateur stations exchanging such third-party messages with 6K24SO during that time.

The ARRL Letter

In a telephone call conversation with Don Kay K0IND, WHN manager, he hopes to have a more detailed report on GILBERT next month for us.

Ye Ed did not have much time to operate on the emergency nets, he was too busy talking to the NOAA Hurricane Aircraft, NOAA 42 and 43 getting reports from them to pass on the NHC.Three other amateurs on the NOAA aircraft: TomNunn W4QDY, Jan Zysko N4MEI (our SKIP computer man) and Terry Schricker N4NMX were also "busy as a cat on a hot tin roof" throughout GILBERT.

We hope to have a more detailed report in next months SKIP.

NOTICE NOTICE

Please check your mailing address label (top line) to know your expiration date. We WILL NOT send you a seperate expiration renewal notice anymore. Thank you for your cooperation ! ! Editor.